VOLUME 31 NUMBER 2

BULLETIN

OF THE

SCHOOL *of* MEDICINE

UNIVERSITY OF MARYLAND

SEPTEMBER, 1946

1807-1856-1920

PUBLISHED FIVE TIMES A YEAR
(JANUARY, APRIL, JULY, SEPTEMBER AND OCTOBER)

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Baltimore 1, Md.

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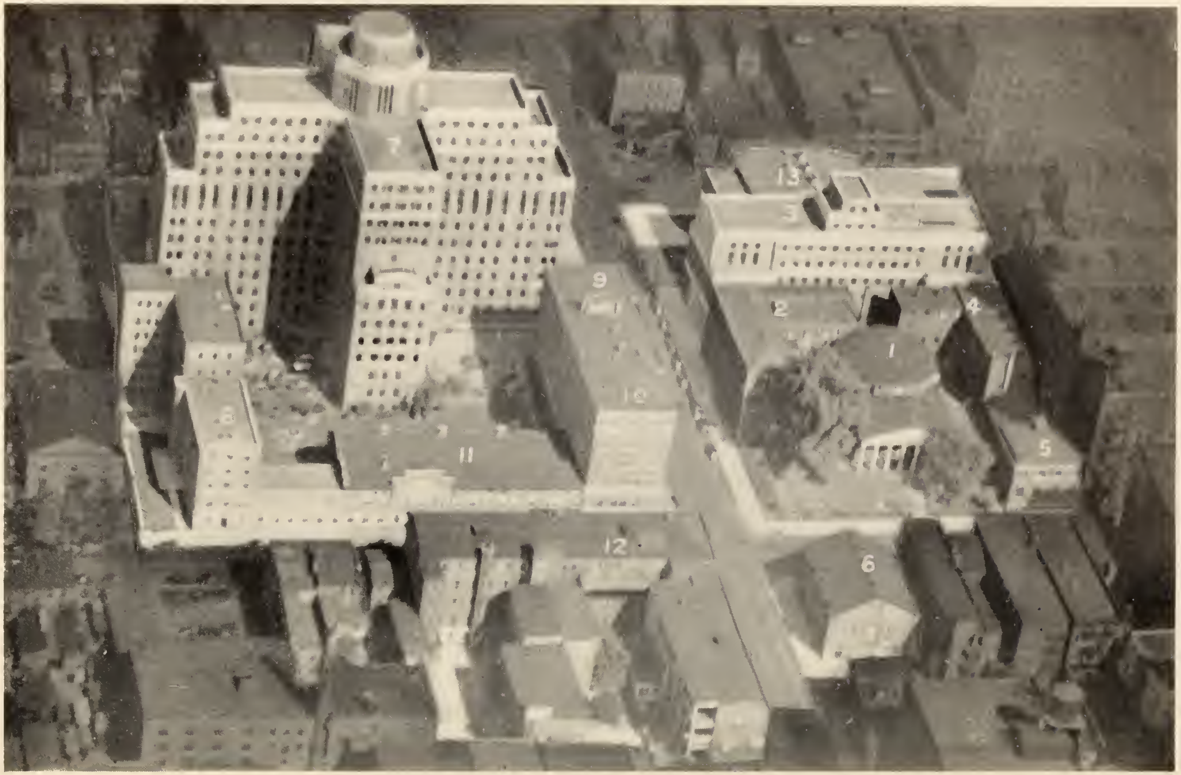

BALTIMORE SCHOOLS—UNIVERSITY OF MARYLAND

1. Original Medical Building
2. Laboratory Building, Medicine
3. Bressler Building, Medicine
4. Gray Laboratory, Student's Lounge, Medicine
5. Administration Building, College of Education, Baltimore Division
6. Medical Library
7. University Hospital
8. Nurses' Home, Medicine
9. School of Pharmacy
10. School of Dentistry
11. Dental Clinic
12. Out-Patient Clinics, Medicine
13. School of Law

BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

1807·1856·1920

Announcement

The One Hundred Forty-First Academic Session
1946–1947

Catalogue
The One Hundred Fortieth Academic Session
1945–1946

SEPTEMBER, 1946

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CALENDAR

1946

JULY

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CALENDAR

ACADEMIC YEAR—SEPTEMBER 5, 1946 TO JUNE 7, 1947

1946		
August 28, 29, 30		Re-examinations for advancement

FIRST SEMESTER—September 5, 1946 to January 25, 1947

September 3	Tuesday	*Registration, payment of fees, freshmen and sophomores
September 4	Wednesday	*Registration and payment of fees by all other students
September 5	Thursday	Instruction begins at 8:30 A.M.
November 28, 29, 30		Thanksgiving recess
December 20	Friday	Instruction suspended 5:00 P.M.
		Christmas recess
1947		
January 6	Monday	Instruction resumed 8:30 A.M.
January 20	Monday	Midyear examinations, all classes
to		*Payment of fees for second semester
January 25	Saturday	First semester completed 2:00 P.M.

SECOND SEMESTER—January 27 to June 7, 1947

January 27	Monday	Instruction begins at 8:30 A.M.
February 22	Saturday	Washington's Birthday—Holiday
April 3 to 9		Easter recess
May 12	Monday	Senior examinations begin 9:00 A.M.
May 26	Monday	Junior examinations begin 9:00 A.M.
May 30	Friday	Memorial Day—Holiday
May 31	Saturday	Announcement of graduates
June 2	Monday	Sophomore and Freshman examinations begin 9:00 A.M.
June 6	Friday	Second semester completed at 5:00 P.M.
		Pre-Commencement Exercises at Lyric 8:00 P.M.
June 7	Saturday	Graduation at College Park at 11:00 A.M.

PARTIAL CALENDAR

ACADEMIC YEAR—SEPTEMBER 4, 1947 TO JUNE 5, 1948

August 27, 28, 29		Re-examinations for advancement
September 2	Tuesday	*Registration and payment of fees by sophomores and freshmen
September 3	Wednesday	*Registration and payment of fees by all other students
September 4	Thursday	Instruction begins at 8:30 A.M.

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* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars ($5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 5:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

Harry Clifton Byrd, B.S., LL.D., D.Sc., *President and Executive Officer*

BOARD OF REGENTS

		Term Expires
William P. Cole, Jr., *Chairman*	Baltimore	1949
Thomas R. Brookes, *Vice-Chairman*	Bel Air	1952
Stanford Z. Rothschild, *Secretary*	Baltimore	1952
J. Milton Patterson, *Treasurer*	Baltimore	1953
E. Paul Knotts	Denton	1954
Glenn L. Martin	Baltimore	1951
Charles P. McCormick	Baltimore	1948
Harry H. Nuttle	Denton	1950
Philip C. Turner	Baltimore	1950
Millard E. Tydings	Washington, D. C.	1951
Mrs. John L. Whitehurst	Baltimore	1947

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the last Friday in each month, except during the months of July and August.

Each school has its own Faculty Council, composed of the Dean and members of its faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy

At College Park

The College of Agriculture
The College of Arts and Sciences
The College of Commerce
The College of Education
The College of Engineering
The College of Home Economics
The Graduate School
The Department of Military Science and Tactics
The Department of Physical Education and Recreation
The Summer School

FACULTY OF MEDICINE

EMERITI

J. Frank Crouch, M.D.... Professor of Clinical Ophthalmology and Otology, Emeritus
Harry Friedenwald, A.B., M.D., D.H.L., D.Sc.. Professor of Ophthalmology, Emeritus
William S. Gardner, M.D. .... Professor of Gynecology, Emeritus
J. M. H. Rowland, M.D., D.Sc., LL.D.
Professor of Obstetrics, Emeritus; Dean, Emeritus
J. Dawson Reeder, M.D.................... .... Professor of Proctology, Emeritus
Henry J. Walton, M.D...................... Professor of Roentgenology, Emeritus
Page Edmunds, M.D.................... Professor of Traumatic Surgery, Emeritus
Ruth Lee Briscoe.. Librarian, Emeritus

FACULTY BOARD

H. Boyd Wylie, *Acting Dean*

William R. Amberson
Franklin B. Anderson
Rubert S. Anderson
James G. Arnold, Jr.
Thomas B. Aycock
Walter A. Baetjer
Charles Bagley, Jr.
J. McFarland Bergland
Charles F. Blake
Otto C. Brantigan
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Thomas R. Chambers
Carl Dame Clarke
Ross McC. Chapman
Clyde A. Clapp
Paul W. Clough
Richard G. Coblentz
Beverly C. Compton
Charles N. Davidson
Carl L. Davis
Louis H. Douglass
Frederick C. Dye
C. Reid Edwards
Monte Edwards
Frank H. J. Figge
Leon Freedom
Edgar B. Friedenwald
Thomas K. Galvin
Moses Gellman
Andrew C. Gillis
Henry F. Graff
Frank W. Hachtel
O. G. Harne
Cyrus F. Horine
J. Mason Hundley, Jr.
Elliott H. Hutchins
Edward S. Johnson
F. L. Jennings
C. Loring Joslin
Hugh W. Josephs
Walter L. Kilby
Edward A. Kitlowski
John C. Krantz, Jr.
Louis A. M. Krause
Kenneth D. Legge
R. W. Locher
G. Carroll Lockard
Edward A. Looper
William S. Love, Jr.
John F. Lutz
Stanley H. Macht
Howard J. Maldeis
N. Clyde Marvel
Charles W. Maxson
James C. McAlpine
Zachariah Morgan
Theodore H. Morrison
Emil Novak
Thomas R. O'Rourk
Robert H. Oster
C. W. Peake
D. J. Pessagno
H. R. Peters
Maurice C. Pincoffs
J G. M. Reese
Charles A. Reifschneider
Compton Riely
Harry M. Robinson, Sr.
Harry L. Rogers
Milton S. Sacks
Emil G. Schmidt
Arthur M. Shipley
Dietrich C. Smith
R. Dale Smith
William H. Smith
Irving J. Spear
Hugh R. Spencer
Thomas P. Sprunt
W. Houston Toulson
Ralph P. Truitt
Eduard Uhlenhuth
Henry F. Ullrich
Allen F. Voshell
Grant E. Ward
C. Gardner Warner
Huntington Williams
Walter D. Wise
Thomas C. Wolff
Robert B. Wright
George H. Yeager
Waitman F. Zinn

EXECUTIVE COMMITTEE OF THE FACULTY

H. Boyd Wylie, *Acting Dean*

Louis H. Douglas
Charles Reid Edwards
Frank W. Hachtel
J. Mason Hundley, Jr.
Maurice C. Pincoffs
Arthur M. Shipley
Hugh R. Spencer

FACULTY OF MEDICINE

PROFESSORS

William R. Amberson, Ph.D., Professor of Physiology.
Thomas B. Aycock, B.S., M.D., Professor of Clinical Surgery.
Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.
‡Harvey G. Beck, M.D., D.Sc., Professor of Clinical Medicine.
Charles F. Blake, M.A., M.D., Professor of Proctology.
Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Associate Professor of Surgery.
Ross McC. Chapman, M.D., Professor of Psychiatry.
Clyde A. Clapp, M.D., Professor of Ophthalmology.
Richard G. Coblentz, M.A., M.D., Clinical Professor of Neurological Surgery.
‡Albertus Cotton, M.A., M.D., Professor of Orthopaedic Surgery, and Roentgenology.
Carl L. Davis, M.D., Professor of Anatomy.
Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.
Louis H. Douglass, M.D., Professor of Obstetrics.
‡Page Edmunds, M.D., Professor of Traumatic Surgery.
Charles Reid Edwards, M.D., Professor of Surgery.
Monte Edwards, M.D., Clinical Professor of Surgery and Proctology.
H. K. Fleck, M.D., Clinical Professor of Ophthalmology.
Edgar B. Friedenwald, M.D., Professor of Clinical Pediatrics.
Thomas K. Galvin, M.D., Clinical Professor of Gynecology.
Joseph E. Gichner, M.D., Professor of Clinical Medicine and Physical Therapeutics.
Andrew C. Gillis, M.A., M.D., LL.D., Professor of Neurology.
Frank W. Hachtel, M.D., Professor of Bacteriology.
J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology.
Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
F. L. Jennings, M.D., Professor of Clinical Surgery.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the session July 19, 1945 to May 25, 1946 unless otherwise indicated. Changes are noted as follows:

★ On leave, military service.
* Promotions.
† Appointments.
‡ Resignations.
§ Deaths—dates of.

C. Loring Joslin, M.D., Professor of Pediatrics.
Walter L. Kilby, M.D., Professor of Roentgenology.
Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology.
Kenneth D. Legge, M.D., Professor of Clinical Genito-Urinary Surgery.
G. Carroll Lockard, M.D., Professor of Clinical Medicine.
Edward A. Looper, M.D., D.Oph., Professor of Rhinology and Laryngology.
Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
Thomas R. O'Rourk, M.D., Clinical Professor of Otology, Associate in Rhinology and Laryngology.
D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine.
Maurice C. Pincoffs, B.S., M.D., Professor of Medicine.
Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery and ‡Oral Surgery
Compton Riely, M.D., Clinical Professor of Orthopaedic Surgery.
Harry M. Robinson, Sr., M.D., Professor of Dermatology.
Arthur M. Shipley, M.D., D.Sc., Professor of Surgery.
Irving J. Spear, M.D., Professor of Neurology.
Hugh R. Spencer, M.D., Professor of Pathology.
Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.
W. Houston Toulson, M.Sc., M.D., Professor of Genito-Urinary Surgery.
Eduard Uhlenhuth, Ph.D., Professor of Anatomy.
Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
Walter D. Wise, M.D., Professor of Surgery.
H. Boyd Wylie, M.D., Professor of Biological Chemistry and Assistant Dean.
Waitman F. Zinn, M.D., Clinical Professor of Rhinology and Laryngology.

ASSOCIATE PROFESSORS

Franklin B. Anderson, M.D., Associate Professor of Rhinology and Laryngology, and Otology.
*James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.
Walter A. Baetjer, A.B., M.D., Associate Professor of Medicine.
J. McFarland Bergland, B.S., M.D., Associate Professor of Obstetrics.
T. Nelson Carey, M.D., Associate Professor of Medicine and Physician in Charge of Medical Care of Students.
C. Jelleff Carr, Ph.D., Associate Professor of Pharmacology.
Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.
Carl Dame Clarke, M.A., Associate Professor of Art as Applied to Medicine.
Paul W. Clough, B.S., M.D., Associate Professor of Medicine.
*Charles N. Davidson, M.D., Associate Professor of Roentgenology.
†Frederick C. Dye, M.D., Associate Professor of Anaesthesiology.
†Edward C. Dobbs, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.
§William Ellsworth Evans, Jr., Ph.D., Associate Professor of Pharmacology.
Frank H. J. Figge, Ph.D., Associate Professor of Gross Anatomy.
Leon Freedom, M.D., Associate Professor of Neurology and ‡Instructor in Pathology.
Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.
T. Campbell Goodwin, M.S., M.D., Associate Professor of Pediatrics.

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§ Died May 6, 1946.

‡D. James Greiner, B.S., M.D., Associate Professor of Pathology.
‡William E. Hahn, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.
O. G. Harne, Associate Professor of Histology.
Cyrus F. Horine, M.D., Associate Professor of Surgery.
Edward S. Johnson, M.D., Associate Professor of Surgery.
Hugh W. Josephs, M.D., Associate Professor of Pediatrics.
‡Charles C. W. Judd, M.D., Associate Professor of Medicine.
Vernon D. Kaufman, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.
Louis A. M. Krause, M.D., Associate Professor of Medicine.
R. W. Locher, M.D., Associate Professor of Clinical Surgery.
William S. Love, Jr., A.B., M.D., Associate Professor of Medicine, ‡Instructor in Pathology.
Howard J. Maldeis, M.D., Associate Professor of Legal Medicine and Associate in Pathology.
‡Frederick B. Mandeville, M.D., Associate Professor of Roentgenology.
N. Clyde Marvel, A.B., M.D., Associate Professor of Surgery.
Charles W. Maxson, M.D., Associate Professor of Surgery.
‡Sydney R. Miller, B.S., M.D., Associate Professor of Medicine.
James G. McAlpine, Ph.D., Associate Professor of Bacteriology.
Emil Novak, A.B., M.D., D.Sc., Associate Professor of Obstetrics.
Robert H. Oster, Ph.D., Associate Professor of Physiology.
C. W. Peake, M.D., Associate Professor of Surgery.
J. G. M. Reese, M.D., Associate Professor of Obstetrics.
Harry L. Rogers, M.D., Associate Professor of Orthopaedic Surgery.
Emil G. Schmidt, Ph.D., LL.B., Associate Professor of Biological Chemistry.
Dietrich Conrad Smith, Ph.D., Associate Professor of Physiology.
William H. Smith, M.D., Associate Professor of Clinical Medicine.
Ralph P. Truitt, M.D., Associate Professor of Psychiatry.
Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
Grant E. Ward, A.B., M.D., Associate Professor of Surgery and Oral Surgery.
C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
J. Herbert Wilkerson, M.D., Associate Professor of Oral Surgery, School of Dentistry.
Robert B. Wright, B.S., M.D., Associate Professor of Pathology.
‡Lawrence F. Woolley, M.D., Associate Professor of Psychiatry.
George H. Yeager, B.S., M.D., Associate Professor of Surgery.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and *Proctology.
Rubert S. Anderson, Ph.D., Assistant Professor of Physiology.
H. F. Bongardt, M.D., Assistant Professor of Surgery.
J. Edmund Bradley, B.S., M.D., Assistant Professor of Pediatrics.
Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
Simon H. Brager, M.D., Assistant Professor of Surgery and †Associate in Proctology.
H. M. Bubert, M.D., Assistant Professor of Medicine.
‡Murray M. Copeland, M.D., Assistant Professor of Surgery.
Ross Davies, M.D., M.P.H., Assistant Professor of Hygiene and Public Health.
J. S. Eastland, A.B., M.D., Assistant Professor of Medicine.
Francis A. Ellis, A.B., M.D., Assistant Professor of Dermatology.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
A. H. Finkelstein, M.D., Assistant Professor of Pediatrics.
*Francis W. Gillis, M.D., Assistant Professor of Genito-Urinary Surgery.

Harry Goldsmith, M.D., Assistant Professor of Psychiatry.
*Albert E. Goldstein, M.D., Assistant Professor of Pathology.
Henry F. Graff, A.B., M.D., Assistant Professor of Ophthalmology.
Lewis P. Gundry, A.B., M.D., Assistant Professor of Medicine.
Harry C. Hull, M.D., Assistant Professor of Surgery.
*Harry K. Iwamota, Ph.D., Assistant Professor of Pharmacology.
Albert Jaffe, M.D., Assistant Professor of Pediatrics.
John E. Legge, M.D., Assistant Professor of Medicine.
John F. Lutz, A.B., M.D., Assistant Professor of Histology.
†Stanley H. Macht, B.S., M.D., Assistant Professor of Roentgenology.
*Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Pathology.
Walter C. Merkel, A.B., M.D., Assistant Professor of Pathology.
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
Samuel Morrison, A.B., M.D., Assistant Professor of Gastro-Enterology.
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.
James W. Nelson, M.D., Assistant Professor of Surgery.
H. W. Newell, M.D., Assistant Professor of Psychiatry.
M. Alexander Novey, A.B., M.D., Assistant Professor of Obstetrics.
§Benjamin Pushkin, M.D., Assistant Professor of Neurology.
I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
Harry M. Robinson, Jr., B.S., M.D., Assistant Professor of Dermatology, Assistant in Medicine.
Milton S. Sacks, B.S., M.D., Assistant Professor of Medicine and Head of Clinical Pathology.
*John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
Richard T. Shackelford, A.B., M.D., Assistant Professor of Surgery.
Isadore A. Siegel, A.B., M.D., Assistant Professor of Obstetrics.
Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
Frederick B. Smith, M.D., Assistant Professor of Pediatrics.
†R. Dale Smith, Ph.D., Assistant Professor of Gross Anatomy.
‡George A. Strauss, Jr., M.D., Assistant Professor of Gynecology.
John H. Traband, M.D., Assistant Professor of Pediatrics.
I. Ridgeway Trimble, M.D., Assistant Professor of Surgery.
*W. Wallace Walker, M.D., Assistant Professor of Surgery and Surgical Anatomy.
William H. F. Warthen, A.B., M.D., Assistant Professor of Hygiene and Public Health.
[1]Glenn S. Weiland, Ph.D., Assistant Professor of Biological Chemistry.
Thomas C. Wolff, Litt.B., M.D., C.M., Assistant Professor of Medicine.
†Asa D. Young, M.D., Assistant Professor of Roentgenology.

ASSOCIATES

Margaret B. Ballard, M.D., Associate in Obstetrics.
Dudley P. Bowe, A.B., M.D., Associate in Obstetrics.
Kenneth B. Boyd, A.B., M.D., Associate in Gynecology and Assistant in Obstetrics.
Beverley C. Compton, A.B., M.D., Associate in Gynecology.
W. A. H. Councill, M.D., Associate in Genito-Urinary Surgery.
E. Eugene Covington, M.D., Associate in Surgical Anatomy and Surgery.

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[1] Resigned August 31, 1946.
§ Died September 8, 1945.

*D. McClelland Dixon, M.D., Associate in Obstetrics and Instructor in Pathology.
John C. Dumler, B.S., M.D., Associate in Gynecology.
William W. Elgin, M.D., Associate in Psychiatry.
J. J. Erwin, M.D., Associate in Gynecology.
Houston Everett, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Genito-Urinary Surgery.
Wetherbee Fort, M.D., Associate in Medicine.
Frank J. Geraghty, A.B., M.D., Associate in Medicine.
Samuel S. Glick, M.D., Associate in Pediatrics.
*George Govatos, A.B., M.D., Associate in Surgery.
§*Georg K. Gülck, M.D., Associate in Pharmacology.
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
John T. Hibbitts, M.D., Associate in Gynecology.
John F. Hogan, M.D., Associate in Genito-Urinary Surgery.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
*D. Frank Kaltreider, A.B., M.D., Associate in Obstetrics.
*Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
Joseph I. Kemler, M.D., Associate in Opthalmology.
F. Edwin Knowles, Jr., M.D., Associate in Ophthalmology.
*Harry V. Langeluttig, A.B., M.D., Associate in Medicine.
Philip F. Lerner, A.B., M.D., Associate in Neurology.
Luther E. Little, M.D., Associate in Surgery.
Hans W. Leowald, M.D., Associate in Psychiatry.
H. Edmund Levin, B.S., M.D., Associate in Bacteriology*, Instructor in Medicine.
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
Lyle J. Millan, M.D., Associate in Genito-Urinary Surgery.
Frank K. Morris, A.B., M.D., Associate in Gynecology*, Instructor in Obstetrics.
W. Raymond McKenzie, M.D., Associate in Rhinology and Laryngology.
Hugh B. McNally, B.S., M.D., Associate in Obstetrics.
Frank N. Ogden, M.D., Associate in Biological Chemistry.
*Dexter L. Reimann, B.S., M.D., Associate in Pathology, Assistant in Medicine.
Benjamin S. Rich, A.B., M.D., Associate in Otology and in Rhinology and Laryngology.
William F. Rienhoff, Jr., M.D., Associate in Surgery.
William M. Seabold, A.B., M.D., Associate in Pediatrics.
William B. Settle, M.D., Associate in Surgery, Instructor in Surgical Anatomy, ‡Instructor in Gynecology.
‡Harry S. Shelley, B.S., M.D., Associate in Genito-Urinary Surgery.
Arthur G. Siwinski, A.B., M.D., Associate in Surgery.
Sol Smith, M.D., Associate in Medicine.
‡Cleo D. Stiles, M.D., Associate in Rhinology and Laryngology, and Assistant in Otology.
E. H. Tonolla, M.D., Associate in Medicine.
John A. Wagner, B.S., M.D., Associate in Pathology, Instructor in Neurological Surgery* and Assistant in Medicine.
Austin H. Wood, M.D., Associate in Genito-Urinary Surgery.

LECTURERS

Jonas Friedenwald, M.A., M.D., Lecturer in Ophthalmic Pathology.
Charles R. Goldsborough, M.A., M.D., Lecturer in Medicine.

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§ Died July 23, 1946.

Leslie B. Hohman, M.D., Lecturer in Psychiatry.
‡James C. Munch, Ph.D., Lecturer in Elementary Biometrics.
*Myron G. Tull, A.B., M.D., M.P.H., Lecturer in Hygiene and Public Health.
Clark H. Yeager, M.D., Dr. P.H., Lecturer in Tropical Medicine.

INSTRUCTORS

Conrad B. Acton, B.S., M.D., Instructor in Medicine and Pathology.
Marie A. Andersch, Ph.D., Instructor in Medicine.
A. Russell Anderson, M.D., Instructor in Psychiatry.
†Carl E. Bailey, D.D.S., Instructor in Prosthetic Dentistry, School of Dentistry.
Nathaniel M. Beck, A.B., M.D., Instructor in Pharmacology†, Assistant in Medicine and Gastro-Enterology.
†Eugene S. Bereston, A.B., M.D., Instructor in Dermatology.
Roland E. Bieren, M.D., Instructor in Pathology†, Assistant in Gynecology.
Harry C. Bowie, B.S., M.D., Instructor in Surgery and Surgical Anatomy*.
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
*George H. Brouillet, B.S., M.D., Instructor in Surgery.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
†Samuel H. Bryant, A.B., D.D.S., Instructor in Oral Diagnosis, School of Dentistry.
Henry F. Buettner, M.D., Instructor in Bacteriology.
Harold H. Burns, M.D., Instructor in Surgery.
M. Paul Byerly, M.D., Instructor in Pediatrics.
Lucile J. Caldwell, M.D., Instructor in Dermatology.
*Mary E. Chinn, A.B., Instructor in Physiology.
Ernest I. Cornbrooks, Jr., A.B., M.D., Instructor in Gynecology.
Edward F. Cotter, M.D., Assistant in Neurology and ‡Instructor in Pathology.
Stuart G. Coughlan, B.S., M.D., Instructor in Surgery.
J. G. N. Cushing, M.D., Instructor in Psychiatry.
B. Matthew Debuskey, M.D., Instructor in Pediatrics.
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery and ‡Obstetrics.
‡S. J. Demarco, M.D., Instructor in Surgery.
Francis G. Dickey, A.B., M.D., Instructor in Medicine.
William K. Diehl, B.S., M.D., Instructor in Gynecology.
*Everett S. Diggs, B.S., M.D., Instructor in Gynecology.
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
William L. Fearing, M.D., Instructor in Neurology.
Jerome Fineman, M.D., Instructor in Pediatrics.
Philip D. Flynn, M.D., Instructor in Medicine.
*Samuel L. Fox, M.D., Instructor in Rhinology, Laryngology and Otology.
*Irving Freeman, B.S., M.D., Instructor in Medicine.
William L. Garlick, A.B., M.D., Instructor in Surgery.
[1]William L. Guyton, M.D., Instructor in Pathology.
E. M. Hanrahan, A.B., M.D., Instructor in Surgery.
Mary L. Hayleck, M.D., Instructor in Pediatrics.
*Robert F. Healy, M.D., Instructor in Surgery.
William G. Helfrich, B.S., M.D., Instructor in Medicine.
‡Samuel T. Helms, B.S., M.D., Instructor in Medicine and Genito-Urinary Surgery.

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[1] Nov. 1, 1945, ‡ June 30, 1946.

W. Grafton Hersperger, A.B., M.D., Instructor in Medicine.
*Benjamin Highstein, M.D , Instructor in Dermatology.
F. A. Holden, M.D., Instructor in Ophthalmology.
*Mark B. Hollander, M.D., Instructor in Dermatology.
†Helen A. Horn, A.B., M.D., Instructor in Pathology.
Calvin Hyman, M.D., Instructor in Surgery.
‡B. Wallace Inman, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Conrad L. Inman, D.D.S., Consulting Dentist.
Meyer W. Jacobson, M.D., Instructor in Medicine.
‡Joye J. Jennings, A.B., Instructor in Physiology.
‡William R. Johnson, M.D., Instructor in Surgery.
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
Clyde F. Karns, B.S., M.D., Instructor in Surgery.
*Fayne A. Kayser, M.D., Instructor in Rhinology and Laryngology.
‡Howard F. Kinnamon, M.D., Instructor in Surgery.
Lester N. Kolman, M.D., Instructor in Dermatology.
[2]Vernon E. Krahl, B.S., M.S., Instructor in Gross Anatomy.
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
*Frederick R. Kyper, M.D., D.Sc., Instructor in Rhinology and Laryngology.
Milton C. Lang, M.D., Instructor in Ophthalmology.
Arnold F. Lavenstein, Instructor in Pediatrics.
C. Edward Leach, M.D., Instructor in Medicine.
Samuel Legum, A.B., M.D., Instructor in Medicine.
Kurt Levy, M.D., Instructor in Medicine.
Ephraim T. Lisansky, A.B., M.D., Instructor in Pathology, Assistant in Medicine.
I. H. Maseritz, M.D., Instructor in Orthopaedic Surgery.
R. B. Mitchell, Jr., B.S , M.D., Instructor in Medicine.
J. Duer Moores, B.S., M.D., Instructor in Surgery.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
Francis McLaughlin, M.D., Instructor in Psychiatry.
Samuel Novey, M.D., Instructor in Psychiatry.
†Paul Padget, M.D., Instructor in Medicine.
*William A. Parr, M.D., Instructor in Otology
†Eugene L. Pessagno, A.B., D.D.S., Instructor in Operative Surgery, School of Dentistry.
Herbert E. Reifschneider, A.B., M.D., Instructor in Surgery and †Surgical Anatomy, ‡Instructor in Oral Surgery.
Robert A. Reiter, A.B., M.D., Instructor in Medicine.
Daniel R. Robinson, M.D., Instructor in Surgery.
John F. Schaefer, B.S., M.D., Instructor in Surgery.
Kathryn L. Schultz, M.D., Instructor in Psychiatry.
*Theodore A. Schwartz, M.D., Instructor in Rhinology and Laryngology.
Lawrence M. Serra, M.D., Instructor in Medicine.
†A. Albert Shapiro, B.S., M.D., Instructor in Dermatology.
*Robert C. Sheppard, M.D., Instructor in Surgery.
M. S. Shiling, A.B., M.D., D.Sc., Instructor in Medicine.
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
Benedict Skitarelic, A.B., M.D., Instructor in Pathology‡, and Assistant in Medicine.
‡Karl J. Steinmueller, A.B., M.D., Instructor in Surgery.

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[2] Resigned July 31, 1946.

Harry A. Teitelbaum, B.S., M.D., Instructor in Gross Anatomy‡, Assistant in Neurology.
David Tenner, M.D., Instructor in Medicine.
‡Dorsey R. Tipton, D.D.S., Instructor in Oral Surgery.
†William D. VandeGrift, M.D., Instructor in Pathology.
Philip S. Wagner, M.D., Instructor in Psychiatry.
Gibson J. Wells, A.B., M D., Instructor in Pediatrics.
Hugh G. Whitehead, M.D., Instructor in Medicine.
*Milton J. Wilder, M.D., Instructor in Orthopaedic Surgery.
‡Henry L. Wollenweber, M.D., Instructor in Pathology.
†Israel Zeligman, A.B., M.D., Instructor in Dermatology.

ASSISTANTS

J. Warren Albrittain, B.S., M.D , Assistant in Obstetrics.
Leon Ashman, M.D., Assistant in Medicine.
‡John L. Atkins, A.B., M.D., Assistant in Medicine.
Jones B. Ballina, A.B., M.D., Assistant in Obstetrics.
Donald J. Barnett, M.D., Assistant in Roentgenology.
†Harry McB. Beck, M.D., Assistant in Gynecology.
Robert Z. Berry, A.B., M.D., Assistant in Surgery.
‡Joseph M. Blumberg, B.S., M.D., Assistant in Medicine.
†John Z. Bowers, B.S., M.D., Assistant in Medicine.
★Henry A. Briele, M.D., Assistant in Surgery.
A. V. Buchness, A.B., M.D., Assistant in Surgery.
Paul E. Carliner, B.S., M.D., Assistant in Medicine.
L. T. Chance, M.D., Assistant in Surgery.
‡William S. Cheney, M.D., Assistant in Surgery.
Robert F. Chenowith, M.D., Assistant in Surgery.
‡Robert C. Crawford, A.B , M.D., Assistant in Medicine.
Samuel H. Culver, M.D., Assistant in Surgery.
‡Raymond M. Cunningham, A.B., M D., Assistant in Surgery.
Preston R. Cutler, A.B., M.D., Assistant in Surgery.
‡Daniel I. Dann, M.D., Assistant in Obstetrics.
†Edwin O. Daue, Jr., B.S., M.D., Assistant in Surgery.
★Nachman Davidson, A.B., M.D., Assistant in Medicine.
E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.
*George H. Davis, M.D., Assistant in Obstetrics.
John R. Davis, M.D., Assistant in Medicine.
†William A. Dodd, M.D., Assistant in Gynecology.
Charles H. Doeller, Jr., A.B., M.D., Assistant in Obstetrics and Gynecology.
‡H. C. Donahoo, Jr., M.D., Assistant in Obstetrics.
†William C. Duffy, A.B., M.D., Assistant in Gynecology.
†William C. Dunnigan, A.B., M.D., Assistant in Surgery.
Morris A. Fine, M.D., Assistant in Medicine and Genito-Urinary Surgery.
Herbert M. Foster, M.D., Assistant in Surgery.
Audrey M. Funk, A.B., Assistant in Medicine.
‡L. Calvin Gareis, B.S., M.D., Assistant in Obstetrics.
*Jason H. Gaskel, M.D., Assistant in Orthopaedic Surgery.
William R. Geraghty, B.S., M.D., Assistant in Surgery.
‡Walter H. Gerwig, Jr., M.D., Assistant in Surgery.
★Robert L. Gibbs, A.B., M.D., Assistant in Medicine.

‡Marion H. Gillis, M.D., Assistant in Ophthalmology.
Robert J. Gore, M.D., Assistant in Pediatrics.
H. L. Granoff, A.B., M.D., Assistant in Gynecology.
William H. Grenzer, M.D., Assistant in Medicine.
Joseph B. Gross, B.S., M.D., Assistant in Medicine.
*Samuel J. Hankin, M.D., Assistant in Medicine.
Oscar Hartman, B.S., M.D., Assistant in Obstetrics.
John S. Haught, M.D., Assistant in Gynecology.
*Thomas A. Hedrick, M.D., Assistant in Pediatrics.
L. Ann Hellen, B.S., Assistant in Medicine.
James W. Hendrick, M.D., Assistant in Surgery.
John H. Hirschfeld, M.D., Assistant in Rhinology and Laryngology.
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
†Rollin C. Hudson, M.D., Assistant in Medicine.
Jaroslav Hulla, M.D., Assistant in Obstetrics.
William C. Humphries, M.D., Assistant in Rhinology and Laryngology.
†Benjamin H. Isaacs, A.B., M.D., Assistant in Rhinology and Laryngology.
‡Oliver A. James, M.D , Assistant in Surgery
Jacob R. Jensen, B.S., M.D., Assistant in Obstetrics.
Hugh Jewett, M.D., Assistant in Genito-Urinary Surgery.
‡Ferd E. Kadan, A.B., M.D., Assistant in Obstetrics.
William H. Kammer, Jr., A.B., M.D., Assistant in Medicine.
†Harry F. Kane, M.D., Assistant in Gynecology.
Melvin D. Kappelman, B.S., M.D., Assistant in Obstetrics.
Arthur Karfgin, B.S., M.D., Assistant in Medicine.
James R. Karns, B.S., M.D., Assistant in Medicine.
Lawrence Katzenstein, M.D., Assistant in Medicine.
Lauriston L. Keown, A.B., M.D., Assistant in Pediatrics.
†Irvin P. Klemkowski, M.D., Assistant in Obstetrics.
*Charles W. Knerler, M.D., Assistant in Medicine.
*Schuyler G. Kohn, B.S., M.D., Assistant in Obstetrics.
Louis J. Kroll, A.B., M.D., Assistant in Medicine.
Alfred S. Lederman, Assistant in Gastro-Enterology.
†V. Harwood Link, A.B., M.D., Assistant in Dermatology.
*F. Ford Loker, B.S., M.D., Assistant in Surgery.
‡William B. Long, Jr., B.S., M.D., Assistant in Surgery.
‡William C. Lowe, B.S., M.D., Assistant in Medicine.
H. Pearce Maccubbin, B.S., M.D., Assistant in Medicine.
John W. Machen, M.D., Assistant in Neurology.
‡Ernest W. Mack, M.D., Assistant in Surgery.
Helen I. Maginnis, M.D., Assistant in Gynecology.
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
†Charles B. Marek, M.D., Assistant in Gynecology.
A. Robert Marks, A.B., M.D., Assistant in Pediatrics.
Maxwell L. Mazer, M.D., Assistant in Obstetrics.
Robert B. Mearns, M.D., Assistant in Medicine.
‡Karl F. Mech, B.S., M.D., Assistant in Pathology.
George C. Medairy, M.D., Assistant in Neurology.
Israel P. Meranski, B.S., M.D., Assistant in Pediatrics.
William A. Mitchell, M.D., Assistant in Obstetrics.
John H. Morrison, B.S., M.D., Assistant in Obstetrics.

S. Edwin Muller, M.D., Assistant in Medicine.
Joseph E. Muse, Jr., B.S., M.D., Assistant in Medicine.
Howard B. McElwain, M.D., Assistant in Surgery.
‡William W. McKinney, M.D., Assistant in Neurological Surgery.
‡Samuel McLanahan, Jr., A.B., M.D., Assistant in Surgery.
§J. Edward Norris, M.D., Assistant in Obstetrics.
‡Richard S. Owens, M.D., Assistant in Otology.
Margaret Virginia Palmer, A.M., M.D., Assistant in Medicine.
Patrick C. Phelan, Jr., A.B., M.D., Assistant in Surgery.
Leslie Harrell Pierce, B.S., M.D., Assistant in Medicine.
†Ross Z. Pierpont, M.D., Assistant in Surgery and Surgical Anatomy.
‡Samuel E. Proctor, A.B., M.D., Assistant in Surgery.
*J. Emmett Queen, A.B., M.D., Assistant in Medicine.
†Frederick M. Reese, A.B., M.D., Assistant in Ophthalmology.
†Samuel T. R. Revell, B.S., M.D., Assistant in Medicine.
Henry L. Rigdon, M.D., Assistant in Surgery.
†John O. Robben, B.S., M.D., Assistant in Plastic Surgery.
‡Donald J. Roop, M.D., Assistant in Medicine.
†Seymour W. Rubin, M.D., Assistant in Pathology.
†T. Edgie Russell, Jr., B.S., M.D., Assistant in Obstetrics.
†William J. Rysanek, Jr., M.D., Assistant in Gynecology.
Clarence P. Scarborough, M.D., Assistant in Plastic Surgery.
W. J. Schmitz, M.D., Assistant in Pediatrics.
Earle S. Scott, M.D., Assistant in Pediatrics.
J. King B. E. Seegar, Jr., A.B., M.D., Assistant in Obstetrics.
†Joseph C. Sheehan, B.S., M.D., Assistant in Gynecology.
E. Roderick Shipley, A.B., M.D., Assistant in Surgery.
George Silverton, A.B., M.D., Assistant in Medicine.
Jerome Snyder, B.S., M.D., Assistant in Ophthalmology.
†June Linda Snyder, A.B., Assistant in Physiology.
Samuel Snyder, M.D., Assistant in Medicine.
‡Solomon Tanenbaum, M.D., Assistant in Dermatology.
T. J. Touhey, M.D., Assistant in Surgery.
Wilfred H. Townshend, Jr., A.B., M.D., Assistant in Medicine.
W. H. Triplett, M.D., Assistant in Medicine.
‡Hugh H. Trout, Jr., M.D., Assistant in Surgery.
†Robert B. Tunney, A.B., M.D., Assistant in Gynecology.
‡Frederick W. Waknitz, M.D., Assistant in Surgery.
William K. Waller, A.B., M.D., Assistant in Medicine.
William Earl Weeks, M.D., Assistant in Pediatrics.
J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
Albert R. Wilkerson, M.D., Assistant in Surgery.
Daniel Wilfson, Jr., A.B., M.D., Assistant in Medicine.
†Howard L. Zupnik, M.D., Assistant in Surgery.

FELLOWS

[1]David Auld, Emerson Fellow in Pharmacology.
Frederick K. Bell, Ph.D., U. S. Pharmacopoeia Fellow.

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§ Died December 7, 1945.
[1] April 1, 1946 to August 31, 1946.

†Roland E. Bieren, M.D., Hitchcock Fellow in Gynecology.
‡deCamp B. Farson, A.B., Elder Fellow in Pharmacology.
†Elaine Gaby, A.B., Emerson Fellow in Pharmacology.
†Ernest G. Guy, B.S., M.D., Weaver Fellow in Pathology.
‡Alvin H. Honigman, B.S., M.D., Weaver Fellow in Pathology.
‡Helen A. Horn, A.B., M.D., Weaver Fellow in Pathology
‡Harry K. Iwamoto, Ph.D., Emerson Fellow in Pharmacology.
†Louis O. J. Manganiello, A.B., M.D., Fellow in Neurological Surgery.
‡Sylvia L. Pollack, B.S., Weaver Fellow in Physiology.
†John O. Robben, B.S., M.D., National Cancer Institute Fellow.
†Mary J. Sauerwald, A.B., Emerson Fellow in Pharmacology.
Dorothy K. Shipley, M.S., Fellow in Pharmacology.
‡Wilfred H. Townshend, Jr., A.B., M.D., Hitchcock Fellow in Medicine.
John A. Wagner, B.S., M.D., Hitchcock Fellow in Neurological Surgery.

UNIVERSITY HOSPITAL

EXECUTIVE COMMITTEE OF THE STAFF

H. Boyd Wylie, *Acting Dean,* } *Ex officio*
Harold A. Sayles, *Acting Superintendent,* }

	Alternates
Beverly C. Compton, *Chairman*	
W. Houston Toulson, *Vice Chairman*	
Maurice C. Pincoffs	Thomas P. Sprunt
Arthur M. Shipley	Charles Reid Edwards
Louis H. Douglass	J. G. M. Reese
J. Mason Hundley, Jr.	
Clyde A. Clapp	Henry F. Graff
Edward A. Looper	Thomas R. O'Rourk
Walter L. Kilby	Charles N. Davidson
C. Loring Joslin	J. Edmund Bradley
Allen Fiske Voshell	
Frederick C. Dye	
Hugh R. Spencer	
William M. Seabold, *Secretary*	

UNIVERSITY HOSPITAL STAFF

Harold A. Sayles, *Acting Superintendent*

Physician-in-Chief	Maurice C. Pincoffs
Physicians	Walter A. Baetjer Thomas P. Sprunt John E. Legge Louis A. M. Krause G. Carroll Lockard Joseph E. Gichner William H. Smith William S. Love, Jr. T. Nelson Carey
Gastro-Enterologist	Zachariah R. Morgan
Neurologists	Irving J. Spear Leon Freedom
Psychiatrists	Ross McC. Chapman Ralph P. Truitt Harry M. Murdock
Pediatricians	C. Loring Joslin Albert Jaffe J. Edmund Bradley A. H. Finkelstein William M. Seabold
Pathologist	Hugh R. Spencer
Surgeon-in-Chief	Arthur M. Shipley

Surgeons	Charles Reid Edwards ‡Page Edmunds Thomas B. Aycock
Neurological Surgeons	Charles Bagley, Jr. Richard G. Coblentz James G. Arnold, Jr.
Laryngologists	Edward A. Looper Franklin B. Anderson Thomas R. O'Rourk
Proctologists	Monte Edwards Thurston R. Adams
Orthopaedic Surgeons	Allen Fiske Voshell Moses Gellman Compton Riely Henry F. Ullrich
Genito-Urinary Surgeons	W. Houston Toulson W. A. H. Councill Lyle J. Millan ‡Harry S. Shelley Howard B. Mays
Dental Surgeon-in-Chief	Brice M. Dorsey
Dentists	Vernon D. Kaufman Samuel H. Bryant †Edward C. Dobbs †Carl E. Bailey †Eugene L. Pessagno
Roentgenologists	Walter L. Kilby Charles N. Davidson Donald J. Barnett
Dermatologist	Harry M. Robinson, Sr.
Bronchoscopist	Edward A. Looper
Otologist	Thomas R. O'Rourk
Anaesthesiologist	†Frederick C. Dye
Obstetricians	Louis H. Douglass ‡M. A. Novey Isadore A. Siegel J. G. M. Reese John E. Savage Hugh B. McNally
Ophthalmologists	Clyde A. Clapp Henry F. Graff F. Edwin Knowles, Jr.
Gynecologists	J. Mason Hundley, Jr. Leo Brady Beverley C. Compton
Oncologists	J. Mason Hundley, Jr. Grant E. Ward

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the University Hospital:

- Three Residents in Medicine
- Seven Residents in Surgery
- One Resident in Neurosurgery
- Three Residents in Gynecology
- Four Residents in Obstetrics
- Two Residents in Pediatrics
- Two Residents in Roentgenology
- Twenty-Four Rotating Interns

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

RESIDENT STAFF

APRIL 1, 1946 TO JUNE 30, 1946

Frank J. Ayd, Jr., A.B., M.D., *Assistant Resident in Pediatrics*
Lester H. Caplan, A.B., M.D., *Assistant Resident in Pediatrics*
Mary Clark, A.B., M.D., *Assistant Resident in Medicine*
Edwin O. Daue, Jr., B.S., M.D., *Assistant Resident in Surgery*
John E. Esnard, M.D., *Assistant Resident in Surgery*
John F. Gayle, M.D., *Assistant Resident in Gynecology*
James H. Graves, B.S., M.B., M.D., *Assistant Resident in Obstetrics*
James W. Hendrick, B.S., M.D., *Assistant Resident in Surgery*
Alvin H. Honigman, B.S., M.D., *Resident in Medicine*
James S. Hunter, M.D., *Resident in Gynecology*
Charles H. Ingram, A.B., M.D., *Assistant Resident in Surgery*
C. Louis Jorgensen, A.B., M.D., *Resident in Obstetrics*
Bert A. Kanwit, A.B., M.D., *Assistant Resident in Surgery*
James R. Karns, B.S., M.D., *Assistant Resident in Medicine*
Lorman L. Levinson, A.B., M.D., *Assistant Resident in Obstetrics*
Clarence Martin, M.D., *Assistant Resident in Obstetrics*
William S. Miller, A.B., M.D., *Assistant Resident in Obstetrics*
William T. Raby, B.S., M.D., *Assistant Resident in Medicine*
John O. Robben, B.S., M.D., *Assistant Resident in Surgery*
Edwin L. Seigman, A.B., M.D., *Assistant Resident in Roentgenology*
E. Roderick Shipley, A.B., M.D., *Resident in Surgery*
Edwin H. Stewart, Jr., M.D., *Assistant Resident in Surgery*
Robert L. Stone, A.B., M.D., *Assistant Resident in Gynecology*
Hugh D. Vazzana, M.D., *Assistant Resident in Roentgenology*
James H. Walker, A.B., M.D., *Assistant Resident in Surgery*

JULY 1, 1946 TO JUNE 30, 1947

Frank J. Ayd, Jr., A.B., M.D., *Assistant Resident in Pediatrics*
William L. Byerly, B.S., M.D., *Assistant Resident in Surgery*
Lester H. Caplan, A.B., M.D., *Assistant Resident in Pediatrics*
Mary Clark, A.B., M.D., *Assistant Resident in Medicine*
Edwin O. Daue, Jr., B.S., M.D., *Assistant Resident in Surgery*
John E. Esnard, M.D., *Assistant Resident in Surgery*
J. S. Fifer, M.D., *Resident in Ophthalmology, Otology, Rhinology, and Laryngology*
John F. Gayle, M.D., *Assistant Resident in Gynecology*
James H. Graves, B.S., M.B., M.D., *Assistant Resident in Obstetrics*
E. Mildred Gregory, M.D., *Assistant Resident in Surgery*

James S. Hunter, M.D., *Resident in Gynecology*
Charles H. Ingram, A.B., M.D., *Assistant Resident in Surgery*
C. Louis Jorgensen, A.B., M.D., *Resident in Obstetrics*
Bert A. Kanwit, A.B. M.D., *Assistant Resident in Surgery*
James R. Karns, B.S., M.D., *Assistant Resident in Medicine*
Lorman L. Levinson, A.B., M.D., *Assistant Resident in Obstetrics*
H. Pearce Maccubin, B.S., M.D., *Resident in Medicine*
Clarence Martin, M.D., *Assistant Resident in Obstetrics*
William S. Miller, A.B., M.D., *Assistant Resident in Obstetrics*
Alfred T. Nelson, M.D., *Assistant Resident in Surgery*
William T. Raby, B.S., M.D., *Assistant Resident in Medicine*
Edwin L. Seigman, A.B., M.D., *Assistant Resident in Roentgenology*
Edwin H. Stewart, Jr., M.D., *Resident in Surgery*
Robert L. Stone, A.B., M.D., *Assistant Resident in Gynecology*
Raymond K. Thompson, B.S., M.D., *Resident in Neurosurgery*
Hugh D. Vazzana, M.D., *Resident in Roentgenology*
James H. Walker, A.B., M.D., *Assistant Resident in Surgery*

INTERNS

April 1, 1946 to June 30, 1947

Robert E. Bauer, A.B., M.D.
Richard J. Cross, Jr., B.S., M.D.
Walter L. Crouch, B.S., M.D.
Guy K. Driggs, M.D.
James L. Eavey, B.S., M.D.
Joseph S. Fischer, A.B., M.D.
John G. Gregg, A.B., M.D.
John B. Harley, B.S., M.D.
Charles W. Hawkins, M.D.
Harry E. Hill, B.S., M.D.
Charles R. Holmes, B.S., M.D.
Erwin R. Jennings, A.B., M.D.
Clarence W. Legerton, Jr., M.D.
Charles B. Marshall, Jr., M.D.
Gerald A. Martin, B.S., M.D.
George Y. Massenberg, M.D.
Robert E. McCurdy, B.S., M.D.
John E. Morrison, M.D.
Pomeroy Nichols, Jr., M.D.
Milton Reisch, B.S., M.D.
Robert C. Rossberg, B.S., M.D.
Frank A. Shallenberger, Jr., B.S., M.D.
James A. Vaughn, Jr., A.B., M.D.
Joseph B. Workman, A.B., M.D.

DENTAL INTERN

Harold D. Moses, A.B., D.D.S.

UNIVERSITY HOSPITAL DISPENSARY STAFF

Emma Winship, R.N.
Dispensary Director

DISPENSARY COMMITTEE

George H. Yeager, *Chairman*
Emma Winship, R.N., *Secretary*

Allen Fiske Voshell
Beverley C. Compton
A. H. Finkelstein
Lewis P. Gundry
Howard B. Mays
D. Frank Kaltreider

[1]*Chief of Medical Clinic*. . ...

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[1] To be appointed.

Assistant Chiefs of Medical Clinic	Lewis P. Gundry Irving Freeman Kurt Levy Samuel Legum
Physicians	M. A. Fine Charles R. Goldsborough Meyer W. Jacobson M. Paul Byerly Samuel J. Hankin H. Edmund Levin Thomas P. Sprunt G. Carroll Lockard Milton S. Sacks Leslie Harrell Pierce
Chief of Gastro-Enterology Clinic	Zachariah Morgan
Assistant Chiefs of Gastro-Enterology Clinic	Francis G. Dickey Z. Vance Hooper
Assistant Gastro-Enterologists	Samuel Morrison Albert J. Shochat Charles V. Sevcik Alfred S. Lederman
Chief of Neurology Clinic	Leon Freedom
Assistant Neurologists	William L. Fearing Harry A. Teitelbaum
Chief of Psychiatric Clinic	Ralph P. Truitt
Assistant Psychiatrists	H. W. Newell Harry Goldsmith Alice J. Rockwell Joseph Marshall H. Robert Blank Hans W. Loewald Sidney Berman Mabel Wilkins Kathryn L. Schultz †Helen Arthur †Harold L. Vyner
Chief of Chest Clinic	E. H. Tonolla
Assistants, Diseases of the Lungs	Manuel Levin Meyer W. Jacobson Joseph E. Muse, Jr.
Chief of Metabolism Clinic	Lewis P. Gundry
Assistants in Metabolism Clinic	William G. Helfrich Walter E. Karfgin A. Goldman Louis V. Blum W. Grafton Hersperger
Chief of Cardiovascular Clinic	William S. Love, Jr.

Assistant Chiefs of Cardiovascular Clinic	C. EDWARD LEACH ★ROBERT B. MITCHELL, JR
Assistant Cardiologists	SAMUEL J. HANKIN IRVING FREEMAN HARRY M. ROBINSON, JR. EPHRAIM T. LISANSKY F. FREDERICK RUZICKA H. F. ERMSHAR WILFRED H. TOWNSHEND †WILLIAM G. HELFRICH †ROLLIN C. HUDSON
Chief of Allergy Clinic	H. M. BUBERT
Assistant Chief of Allergy Clinic	EDWARD S. KALLINS
Assistant Allergists	SAMUEL SNYDER FRANK V. MANIERI S.EDWIN MULLER
Allergy Clinic Technician	SELMA ROSENBERG
Director, Pediatric Clinic	A. H. FINKELSTEIN
Chief of Pediatric Clinic	SAMUEL S. GLICK
Assistant Pediatricians	M. PAUL BYERLY ISRAEL P. MERANSKI WILLIAM M. SEABOLD JEROME FINEMAN ALBERT JAFFE LAURISTON L. KEOWN JOSEPH R. MEYEROWITZ GIBSON J. WELLS ‡ROBERT J. GORE LOUIS V. BLUM ★EARLE S. SCOTT ARNOLD F. LAVENSTEIN ★WILLIAM E. WEEKS ★THOMAS A. HEDRICK ★J. CARLTON WICH ★A. ROBERT MARKS
Chief of Surgical Clinic	GEORGE H. YEAGER
Assistant Surgeons	‡THURSTON R. ADAMS ‡LUTHER E. LITTLE ★GEORGE H. BROUILLET †STUART G. COUGHLAN ‡W. R. JOHNSON ‡SAMUEL E. PROCTOR ‡CLARENCE P. SCARBOROUGH WILLIAM B. SETTLE
Chief of Orthopaedic Surgery Clinic	ALLEN FISKE VOSHELL

Assistant Orthopaedic Surgeons	John V. Hopkins Moses Gellman Henry F. Ullrich ‡George S. Appleby Milton J. Wilder †Everett D. Jones
Chief of Genito-Urinary Clinic	W. Houston Toulson
Assistant Genito-Urinary Surgeons	W. A. H. Councill John F. Hogan Lyle J. Millan ‡Harry S. Shelley Howard B. Mays
Director of Dermatology Clinic	Harry M. Robinson, Sr.
Chief of Dermatology Clinic	Harry M. Robinson, Jr.
Assistant Dermatologists	†Francis A. Ellis †Eugene S. Bereston †A. Albert Shapiro Lester N. Kolman Mark B. Hollander Benjamin Highstein ‡Solomon Tanenbaum †Lucile Caldwell †V. Harwood Link
Chief of Rhinology and Laryngology Clinic	Benjamin S. Rich
Assistant Rhinologists and Laryngologists	‡Cleo D. Stiles Thomas R. O'Rourk M. Baylus Frederick T. Kyper Samuel L. Fox
Chief of Proctology Clinic	Monte Edwards
Assistant Proctologist	Thurston R. Adams
Chief of Gynecology Clinic	J. Mason Hundley, Jr.
Assistant Chief of Gynecology Clinic	Beverley C. Compton
Assistant Gynecologists	Thomas S. Bowyer John C. Dumler John T. Hibbitts Ernest I. Cornbrooks, Jr. William B. Settle Kenneth B. Boyd W. Allen Deckert Everett S. Diggs Helen I. Maginnis William K. Diehl ★John S. Haught †Ernest I. Cornbrooks, Jr.

Female Cystoscopists	J. Mason Hundley, Jr. Beverley C. Compton William K. Diehl
Chief of Dental Clinic	Brice M. Dorsey
Assistant Chief of Dental Clinic	Vernon D. Kaufman
Assistant Dentists	†Carl E. Bailey Samuel H. Bryant †Edward C. Dobbs †Eugene L. Pessagno
Chief of Obstetrical Clinic	*D. Frank Kaltreider
Assistant Chief of Obstetrical Clinic	*Margaret B. Ballard
Assistant Obstetricians	Dudley P. Bowe Maxwell L. Mazer Jaroslav Hulla ‡W. Allen Deckert Hugh B. McNally ‡Ferd E. Kadan Jacob R. Jensen J. Warren Albrittain D. McClelland Dixon W. Kenneth Mansfield, Jr. †Daniel I. Dann Thomas S. Bowyer ‡L. Calvin Gareis Oscar Hartman Melvin D. Kappelman Jones B. Ballina William A. Mitchell †J. K. B. E. Seegar †T. Edgie Russell †Irvin P. Klemkowski †Kenneth B. Boyd
Oncology Clinic, Gynecological Division	J. Mason Hundley, Jr. Beverley C. Compton John C. Dumler William K. Diehl †Ernest I. Cornbrooks, Jr. †Everett S. Diggs
Oncology Clinic, Surgical Division	Grant E. Ward E. Eugene Covington J. Duer Moores ‡Murray M Copeland Arthur G. Siwinski ‡William K. Diehl

Chief of Ophthalmology Clinic	Henry F. Graff
Assistant Ophthalmologists	Frank A. Holden Milton C. Lang Jerome Snyder †Frederick M. Reese
Directress, Occupational Therapy	Miss Frances F. Lewis
Directress, Social Service	Miss Mary Fitzpatrick

UNIVERSITY HOSPITAL DISPENSARY REPORT

July 1, 1944–June 30, 1945

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	113	2,148	2,261
Cardiology	113	1,436	1,549
Cystoscopy	88	424	512
Dermatology	3,496	8,417	11,913
Diabetic	43	634	677
Gastro-Intestinal	217	942	1,159
Genito-Urinary	293	593	886
Gynecology	1,358	4,198	5,556
Hematology	7	151	158
Medicine	1,078	2,915	3,993
Neurology	175	657	832
Obstetrics	1,456	10,508	11,964
Occupational Therapy	76	1,541	1,617
Oncology	150	989	1,139
Ophthalmology	1,054	3,264	4,318
Orthopaedic	1,111	2,239	3,350
Otology, Rhinology and Laryngology	969	1,013	1,982
Pediatrics	1,590	6,794	8,384
Physiotherapy	18	173	191
Plastic Surgery	15	34	49
Proctology	106	105	211
Psychiatry	124	259	383
Surgery	2,469	6,439	8,908
Tuberculosis	139	605	744
Total	16,258	56,478	72,736

MERCY HOSPITAL

BOARD OF GOVERNORS

Walter D. Wise, *Chairman*

Sister M. Veronica
Sister M. Celeste
Sister M. Mildred
Sister M. Philip
Sister M. Vincent
Sister M. Helen

Henry F. Bongardt
H. Raymond Peters
Maurice C. Pincoffs
Waitman F. Zinn
Thomas K. Galvin
Edward P. Smith
Elliott H. Hutchins

MERCY HOSPITAL STAFF

Surgeon-in-Chief	Walter D. Wise
Surgeons	Elliott H. Hutchins Charles F. Blake F. L. Jennings R. W. Locher Thomas R. Chambers D. J. Pessagno William F. Rienhoff N. Clyde Marvel Henry F. Bongardt
Neurological Surgeons	Charles Bagley, Jr. Richard B. Coblentz James D. Arnold, Jr. †Frank J. Otenasek
Associate Surgeons	I. O. Ridgely James W. Nelson Howard B. McElwain Simon H. Brager John A. O'Connor ‡Thomas B. Aycock Charles W. Maxson I. Ridgeway Trimble Richard T. Shackelford Raymond F. Helfrich
Assistant Surgeons	Julius Goodman ‡E. Eugene Covington S. Demarco, Jr. T. J. Touhey William N. McFaul, Jr. Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi Wm. C. Dunnigan Harold H. Burns †William L. Garlick †John F. Schaefer *F. Ford Loker †Patrick C. Phelan

Plastic Surgeon	†Edward A. Kitlowski
Consulting Ophthalmologist and Otologist	Harry Friedenwald
Ophthalmologists and Otologists	H. K. Fleck M. Raskin
Associate Ophthalmologists and Otologists	Joseph I. Kemler F. A. Pacienza
Assistant Ophthalmologists and Otologists	Joseph V. Jeppi †F. Edwin Knowles, Jr.
Consulting Rhinologists and Laryngologists	W. Raymond McKenzie George W. Mitchell
Rhinologist and Laryngologist	Waitman F. Zinn
Associate Rhinologists and Laryngologists	Fayne A. Kayser Benjamin S. Rich Theodore A. Schwartz Birkhead Macgowan †Benjamin H. Isaacs
Assistant Rhinologist and Laryngologist	Joseph V. Jeppi
Bronchoscopist	Waitman F. Zinn
Associate Bronchoscopist	Fayne A. Kayser
Assistant Bronchoscopist	Theodore A. Schwartz
Proctologist	Charles F. Blake
Orthopaedic Surgeon	H. L. Rogers
Associate Orthopaedic Surgeon	Henry F. Ullrich
Assistant Orthopaedic Surgeons	I. H. Maseritz ★J. H. Gaskel
Urologist	Kenneth D. Legge
Associate Urologists	Leon K. Fargo Francis W. Gillis
Dermatologists	Francis A. Ellis William D. Wolfe †Eugene S. Bereston
Dentist	J. D. Fusco
Consulting Dentist	†Conrad L. Inman
Consulting Physician	Maurice C. Pincoffs
Physician-in-Chief	H. Raymond Peters
Physicians	‡Harvey G. Beck Thomas P. Sprunt George McLean J. Sheldon Eastland Louis A. M. Krause †Thomas C. Wolff

Associate Physicians	Hubert C. Knapp Bartus T. Baggott Wetherbee Fort John E. Legge T. Nelson Carey Sol Smith Hugh J. Welch
Assistant Physicians	S. A. Tumminello J. Howard Burns Earl L. Chambers K. W. Golley William H. Kammer ‡Donald J. Roop S. Edwin Muller ‡William C. Lowe John R. Davis, Jr. *J. Emmett Queen †Philip D. Flynn †Frederick J. Vollmer
Associate Gastro-Enterologists	T. Frederick Leitz Theodore H. Morrison *Maurice Feldman
Assistant Gastro-Enterologist	†Ephraim T. Lisansky
Pediatricians	Edgar B. Friedenwald Frederick B. Smith
Associate Pediatrician	G. Bowers Mansdorfer
Assistant Pediatricians	‡William J. Schmitz William M. Seabold *Jerome Fineman †O. Walter Spurrier †Israel P. Meranski †Edward L. Frey, Jr.
Neurologist and Psychiatrist	Andrew C. Gillis
Associate Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner
Obstetrician-in-Chief	Edward P. Smith
Obstetricians	J. J. Erwin Thomas K. Galvin William S. Gardner Frank K. Morris Ernest S. Edlow †Hugh B. McNally
Associate Obstetrician	Charles H. Doeller, Jr.

Assistant Obstetricians	J. Howard Burns †Harry F. Kane †William A. Dodd †Harry McB. Beck William C. Duffy Joseph C. Sheehan †William J. Rysanek, Jr. Robert B. Tunney
Consulting Gynecologist	William S. Gardner
Gynecologist-in-Chief	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin *Frank K. Morris
Associate Gynecologists	Ernest S. Edlow George A. Strauss, Jr. *H. L. Granoff
Assistant Gynecologists	Charles H. Doeller, Jr. †William A. Dodd †Harry McB. Beck William C. Duffy Joseph C. Sheehan William J. Rysanek, Jr. †Harry F. Kane †Robert B. Tunney
Pathologists	Walter C. Merkel Hugh R. Spencer ‡C. Gardner Warner
Clinical Pathologists	H. T. Collenberg ‡H. Raymond Peters ‡Charles E. Bramble
Clinical Biochemist	†Charles E. Brambel
Technicians	Sister Paula Marie Eleanor Behr Charlotte Schwalm Lillian Marie Lawler Elizabeth Johnson Carmela E. Miceli
Consulting Radiologist	Albertus Cotton
Radiologist	†Asa D. Young
Assistant Radiologist	E. Eugene Covington
Technicians	Sister M. Kevin Charlotte Clopter Henrietta McCaffery

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the Mercy Hospital:

Five Residents in Surgery
Four Residents in Medicine
Resident in Pathology
Resident in Rhinology
Three Residents in Gynecology and Obstetrics
Twelve Interns on Rotating Service

MERCY HOSPITAL RESIDENT AND INTERN STAFF

APRIL 1, 1946–JUNE 30, 1947

RESIDENT STAFF

Kenneth C. Sharretts, A.B., M.D., *Resident Surgeon*
Jesse L. Wilkins, B.S., M.D., *Assistant Resident Surgeon*
Harold P. Biehl, A.B., M.D., *Assistant Resident Surgeon*
Michael DeVincentes, B.S., M.D., *Assistant Resident Surgeon*
James G. Stegmaier, B.S., M.D., *Resident Pathologist*
Joseph E. Reahl, A.B., M.D., *Assistant Resident Surgeon*
Edward S. McCabe, B.S., M.D., *Resident Physician*
John T. Doenges, A.B., M.D., *Assistant Resident Physician*
James J. Nolan, B.S., M.D., *Assistant Resident Physician*
Richard A. Carey, B.S., M.D., *Assistant Resident Physician*
Charles Strahan, Jr., B.S., M.D., *Assistant Resident Physician*
Anthony F. Stedem, Jr., A.B., M.D., *Assistant Resident Physician*
Edward H. Hardman, B.S., M.D., *Resident Gynecologist*
Dwight P. Cruikshank, A.B., M.D., *Associate Resident Gynecologist, Resident Obstetrician*
Hugh B. Munson, M.D., *Assistant Resident Gynecologist and Obstetrician*
Joseph M. Daly, M.D., *Resident Otolaryngologist*

RESIDENT INTERNES

William D. Gentry, Jr., M.D.
James J. Gerlach, A.B., M.D.
August Kiel, Jr., M.D.
Lawrence J. Knox, Jr., B.S., M.D.
Thomas B. Lebherz, B.S., M.D.
Clarence E. McWilliams, Jr., A.B., M.D.
Robert E. May, A.B., M.D.
James V. Minor, Jr., A.B., M.D.
Thomas P. Connor, A.B., M.D.
James S. O'Hare, B.S., M.D.
Earl R. Paul, M.D.
James A. Roberts, B.S., M.D.
David N. Sills, Jr., M.D.
Edward P. Smith, Jr., M.D.

MERCY HOSPITAL DISPENSARY STAFF

Sister M. Agnesine, B.S., R.N. . . . . *Dispensary Director*

Supervisor of Surgical Clinic . . . . Raymond F. Helfrich

Assistant Supervisor of Surgical Clinic . . . . Harold H. Burns

Assistant Surgeons	I. O. Ridgely H. F. Bongardt James W. Nelson I. Ridgeway Trimble Simon H. Brager S. Demarco, Jr. ‡E. Eugene Covington Richard T. Shackelford ‡Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi †William C. Dunnigan †William L. Garlick †John F. Schaefer *†F. Ford Loker †Patrick C. Phelan ‡Raymond J. Lipin
Supervisor of Genito-Urinary Clinic	Kenneth D. Legge
Assistant Genito-Urinary Surgeons	L. K. Fargo Francis W. Gillis
Supervisor of Orthopaedic Clinic	Albertus Cotton
Orthopaedic Surgeons	Harry L. Rogers Henry F. Ullrich I. H. Maseritz *Jason H. Gaskel
Supervisors of Medical Clinic	H. Raymond Peters Maurice C. Pincoffs
Chiefs of Medical Clinic	Sol Smith *S. Edwin Muller
Assistant Physicians	Milton Stein ‡Louis F. Klimes Irving Freeman †Philip D. Flynn †Frederick J. Vollmer †William H. Kammer ‡Nathaniel M. Beck ‡William C. Lowe John R. Davis *J. Emmett Queen †Charles F. O'Donnell †Joseph R. Guyther
Chief of Allergy Clinic	S. Edwin Muller
Chief of Cardiovascular Clinic	Thomas C. Wolff
Assistant Cardiologists	Leon Ashman †Ephraim T. Lisansky

Chief of Metabolism Clinic	J. Sheldon Eastland
Assistant in Metabolism Clinic	‡Louis F. Klimes
Gastro-Enterologist	Maurice Feldman
Assistant Gastro-Enterologist	†Ephraim T. Lisansky
Chief of Pediatric Clinic	Edgar B. Friedenwald
Pediatricians	G. Bowers Mansdorfer Jerome Fineman George Bayley John W. Machen †Israel T. Meranski †O. Walter Spurrier †Edward L. Frey, Jr.
Supervisor of Neurological and Psychiatric Clinic	Andrew C. Gillis
Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner George C. Medairy
Supervisor of Dermatology Clinic	Francis A. Ellis
Dermatologists	William D. Wolfe †Eugene S. Bereston
Oncologist	James W. Nelson
Chief of Gynecology Clinic	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris ‡George A. Strauss, Jr. Ernest S. Edlow H. L. Granoff Charles H. Doeller, Jr. †William A. Dodd †Harry McB. Beck William C. Duffy Joseph C. Sheehan William J. Rysanek †Harry F. Kane Robert B. Tunney
Chief of Obstetrical Clinic	Edward P. Smith
Obstetricians	†Harry F. Kane Charles H. Doeller, Jr. ‡J. Howard Burns William A. Dodd Harry McB. Beck William C. Duffy †Joseph C. Sheehan †Robert B. Tunney

Esophagoscopist	WAITMAN F. ZINN
Associate Esophagoscopist	FAYNE A. KAYSER
Rhinologists and Laryngologists	WAITMAN F. ZINN ‡BENJAMIN S. RICH THEODORE A. SCHWARTZ ‡SAMUEL L. FOX †BENJAMIN H. ISAACS †ROSS C. BROOKS
Ophthalmologists and Otologists	M. RASKIN F. A. PACIENZA JOSEPH V. JEPPI F. EDWIN KNOWLES, JR.
Supervisor of Proctology Clinic	CHARLES F. BLAKE
Proctologists	‡E. EUGENE COVINGTON SIMON H. BRAGER
Supervisor of Dental Clinic	J. D. FUSCO
Consulting Dentist	CONRAD L. INMAN
Supervisor of Physiotherapy Clinic	LEON HANNAN
Assistant Physiotherapist	ALICE R. HANNAN
Social Worker	SISTER M. HELEN
Secretaries	EVA APPLEGARTH PEGGY O'NEILL

MERCY HOSPITAL DISPENSARY REPORT

Year of 1945

Department	*New Cases*	*Old Cases*	*Total*
Bronchoscopic	289	744	1,033
Cardiology	13	169	182
Dental	32	33	65
Dermatology	155	313	468
Diabetic	12	364	376
Gastro-Intestinal	20	103	123
Genito-Urinary	110	1,066	1,176
Gynecology	259	824	1,083
Medicine	400	1,992	2,392
Neurology	60	310	370
Ophthalmology	137	353	490
Orthopaedics	63	320	383
Pediatrics	239	716	955
Physiotherapy	118	2,167	2,285
Postnatal	378	221	599
Prenatal	280	1,984	2,264
Proctology	15	33	48
Rhinolaryngology	343	648	991
Surgery	717	3,373	4,090
Surgical Follow-Up	90	431	521
Well Baby Clinic	111	75	186
Totals	3,841	16,239	20,080

THE BALTIMORE CITY HOSPITALS

STAFF, 1946–1947

Parker J. McMillin, *Superintendent*

Consulting Chief Surgeon	Arthur M. Shipley, M.D., D.Sc.
Surgeon-in-Chief	Thomas B. Aycock, B.S., M.D.
Physician-in-Chief	*John T. King, Jr., A.B., M.D.
Physician-in-Chief	C. Holmes Boyd, M.D.
Physician-in-Chief, Radiology	Stanley H. Macht, B.S., M.D.
Physician-in-Chief, Tuberculosis Hospital	*H. Vernon Langeluttig, M.D.
Physician-in-Chief, Tuberculosis Hospital	Lawrence M. Serra, M.D.
Physician-in-Chief, Psychopathic Hospital	Esther L. Richards, M.D.
Obstetrician-in-Chief	Louis H. Douglass, M.D.
Pediatrician-in-Chief	Harold E. Harrison, B.S., M.D.
Pathologist-in-Chief	C. Gardner Warner, A.B., M.D.
Dental Surgeon-in-Chief	Lowell P. Henneberger, D.D.S.
Assistant Surgeon-in-Chief	Otto C. Brantigan, M.D.
Visiting Surgeons	James C. Owings, M.D. Harry C. Hull, M.D. Henry N. Harkins, M.D. F. C. Lee, M.D. I. Ridgeway Trimble, M.D.
Consultant in Traumatic Surgery	Charles A. Reifschneider, M.D.
Consultant in Peripheral Vascular Diseases	George H. Yeager, B.S., M.D.
Consultants in Plastic Surgery	Edward A. Kitlowski, M.D. Edward M. Hanrahan, Jr., M.D.
Assistant Visiting Surgeons	Luther E. Little, M.D. George Duncan, M.D. Harris B. Schumacker, Jr., M.D.
Assistant Chief Physician, Tuberculosis	Alvin S. Hartz, M.D.
Assistant Visiting Physicians, Tuberculosis	John H. Hirschfeld, M.D. Louis Z. Dalmau, M.D. Ephraim P. Lisansky, M.D.
Assistant Visiting Psychiatrist	Thomas A. C. Rennie, M.D.
Visiting Obstetrician	J. G. M. Reese, M.D.
Assistant Visiting Obstetricians	John M. Haws, B.S., M.D. John E. Savage, B.S., M.D. Hugh B. McNally, B.S., M.D. J. William Dorman, A.B., M.D. D. Frank Kaltreider, A.B., M.D.
Assistant Pediatrician-in-Chief	John E. Baybutt, M.D.

Visiting Pediatricians	*William Dorman, M.D. *William B. Stifler, M.D. *B. Matthew DeBuskey, M.D.
Assistant Visiting Pediatrician	William M. Seabold, A.B., M.D.
Visiting Gynecologist	J. Mason Hundley, Jr., M.A., M.D.
Assistant Visiting Gynecologists	Beverley Compton, M.D. John C. Dumlers, B.S., M.D. John T. Hibbitts, M.D. Ernest I. Cornbrooks, Jr., M.D. William K. Diehl, M.D.
Assistant Chief Physician	Howard K. Rathbun, M.D.
Visiting Physicians	*John W. Parsons, M.D. Louis A. M. Krause, M.D. Harry F. Klinefelter, Jr., M.D. Charles C. W. Judd, M.D.
Assistant Visiting Physician	Thurston Harrison, M.D.
Visiting Cardiologist	
Visiting Ophthalmologist	Frank B. Walsh, M.D.
Visiting Orthopaedic Surgeons	Allen F. Voshell, A.B., M.D. Henry F. Ullrich, M.D., D.Sc.
Assistant Visiting Orthopaedic Surgeon	Milton J. Wilder, M.D.
Visiting Laryngologists	Thomas R. O'Rourke, M.D. John E. Bordley, M.D.
Assistant Visiting Laryngologists	Donald F. Proctor, M.D. Frederick T. Kyper, M.D.
Visiting Urologist	W. Houston Toulson, M.Sc., M.D.
Assistant Visiting Urologists	Hugh Jewett, M.D. Howard B. Mays, M.D
Visiting Neurological Surgeons	Charles Bagley, Jr., M.A., M.D. Richard G. Coblentz, M.A., M.D.
Assistant Visiting Neurological Surgeon	James G. Arnold, Jr., M.D.
Visiting Neurologists	Frank R. Ford, M.D. O. R. Langworthy, M.D.
Assistant Visiting Neurologists	Harry A. Teitelbaum, M.D. Harold L. Vyner, M.D. George G. Merrill, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Visiting Oncologist	Grant E. Ward, A.B., M.D.
Assistant Visiting Otologist	J. J. Belemer, M.D.
Visiting Dermatologist	Isaac R. Pels, M.D.
Visiting Dental Surgeon	H. Glenn Waring, D.D.S.
Assistant Visiting Dental Surgeon	L. W. Bimestefer, D.D.S.
Visiting Laboratory Physician	Julius M. Waghelstein, M.D.
Physiologist	Nathan Shock, M.D.
Visiting Radiologist	Howard H. Ashbury, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

STAFF, 1946–1947

Surgeon-in-Chief and Medical Director	ALLEN FISKE VOSHELL, A.B., M.D.
Attending Orthopaedic Surgeon and Roentgenologist	ALBERTUS COTTON, A.M., M.D.
Associate Orthopaedic Surgeons	MOSES GELLMAN, B.S., M.D. HARRY ROGERS, M.D. WINTHROP M. PHELPS, A.B., M.D.
Assistant Orthopaedic Surgeon	MILTON J. WILDER, M.D.
Plastic Surgeon	EDWARD A. KITLOWSKI, A.B., M.D.
Aurist and Laryngologist	BENJAMIN S. RICH, A.B., M.D.
Dentist	M. E. COBERTH, D.D.S.
Pediatrist	HELEN M. TAUSSIG, M.D.
Consulting Surgeons	ARTHUR M. SHIPLEY, M.D., Sc.D. CHARLES REID EDWARDS, A.B., M.D. THOMAS B. AYCOCK, B.S., M.D.
Consulting Aurists and Laryngologists	FRANKLIN B. ANDERSON, M.D. EDWARD A. LOOPER, M.D., D.Oph.
Consulting Neurological Surgeon	CHARLES BAGLEY, JR., M.A., M.D.
Consulting Plastic Surgeon	JOHN STAIGE DAVIS, B.Sc., M.D.
Consulting Physician	THOMAS R. BROWN, A.B., M.D.
Consulting Dermatologists	HARRY M. ROBINSON, Sr., M.D. LEON GINSBERG, M.D.
Consulting Neurologists	IRVING J. SPEAR, M.D R. V. SELIGER, M.D.
Consulting Pediatrist	BENJAMIN TAPPAN, A.B., M.D.
Consulting Dentist	HARRY B. McCARTHY, D.D.S.
Consulting Opthalmologists	HARRY FRIEDENWALD, A.B., M.D., D.H.L., D.Sc. WILLIAM TARUN, M.D.
Consulting Pathologist	HUGH R. SPENCER, M.D.
Consulting Roentgenologist	HENRY J. WALTON, M.D.
Resident Orthopaedic Surgeon	EVERETT D. JONES, M.D.
Superintendent	MISS MAUD M. GARDNER, R.N.
Dispensary and Social Service Nurse	MRS. EVELYN BYRD ZAPF, R.N.
Physical Therapists and X-ray Technician	MISS CARILINE EARLE, P.T., Reg. MRS. GEORGIANA WISONG
Occupational Therapist	MISS MURIEL ZIMMERMAN, O.T.
Instructor in Grammar School	MISS BERTHA SENDELBACK

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the Office of the Dean, Office of the Assistant Dean and two lecture halls.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and the Director of Admissions and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

[1]Howard Rovelstad, A.B., M.A., B.S.L.S.	*Acting Director of Libraries*
[2]Carl W. Hintz, A.B., A.B.L.S., A.M.L.S.	*Director of Libraries*

Ida Marian Robinson, A.B., B.S.L.S.	*Librarian*
[3]Ruth Lee Briscoe	*Assistant Librarian*
Julia E. Wilson, B.S., B.S.L.S.	*Assistant Librarian*
Edith R. McIntosh, A.M., A.B.L.S.	*Cataloguer*
Charlotte Jubb	*Assistant to the Cataloguer*

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 26,000 volumes and several thousand pamphlets and reprints. Over three hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, a comfortable and commodious building in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

DISPENSARY BUILDING

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The office of the Medical School Physician is located in this building.

The Department of Art also occupies quarters here.

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[1] Appointed July 1, 1946.

[2] Resigned June 30, 1946.

[3] Retired July 31, 1946.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933–1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, ophthalmology, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service is particularly well arranged and provides accommodation for forty ward patients. This service, combined with an extensive home service, assures the student abundant obstetrical training.

During the year ending December 31, 1945, 1917 cases were delivered in the hospital and 395 cases in the outdoor department. Students in the graduating class observed at least thirty-five cases, each student being required to deliver at least ten patients in their homes.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 348 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.
The Hospital for Chronic Cases, 575 beds.
The Hospital for Tuberculosis, 280 beds.
Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 100 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1943 the out-patient visits numbered 18,989.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Application forms may be filed one calendar year before the next incoming class. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore-1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

(a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and

(b) Three academic years of acceptable premedical credit earned in an approved college of arts and sciences. The quantity and quality of this preprofessional course of study shall be not less than that required for recommendation by the institution where the premedical courses are being, or have been, studied.

The premedical curriculum shall include basic courses in

English
Biology
Inorganic Chemistry
Organic Chemistry
Physics
French or German

and such elective courses as will complete a balanced three-year schedule of study The elective courses should be selected from the following three groups:

Humanities
- English (an advanced course in English composition should be taken, if possible)
- Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)
- Philosophy

Natural Sciences
- Vertebrate Embryology
- Comparative Vertebrate Anatomy
- Quantitative Analysis
- Physical Chemistry
- Mathematics

Social Sciences
- Economics
- History
- Political Science
- Psychology (a basic course is desirable)
- Sociology, etc.

Careful attention should be given to the selection of elective courses in the natural sciences. Accordingly, it is suggested that the elective list given above be a guide in this connection and that the remainder of the college credits be accumulated from courses designed to promote a broad cultural development. Students should avoid the inclusion of college courses in subjects that occur in the medical curriculum, for example, histology, histological technique, human anatomy, bacteriology, physiology, neurology, physiological chemistry.

It is not intended that these suggestions be interpreted to restrict the education of students who exhibit an aptitude for the natural sciences or to limit the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical Aptitude Test, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in all other respects give every promise of becoming successful students and physicians of high standing.

Those candidates for admission who are unconditionally accepted will receive a certificate of matriculation from the Office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative premedical course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of "C" or better, and if he has absolved the quantitative and qualitative premedical requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement at College Park usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.
Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.
Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE STATUS OF STUDENTS*

Students who are minors are considered to be resident students if, at the time of their registration, the parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for at least one year, provided such residence has not been acquired while attending any school or college in Maryland.

The status of the residence of a student is determined at the time of his first registration in the university and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this state by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

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* The term "parents" includes persons who, by reason of death or other unusual circumstances, have been legally constituted the guardians of or stand in loco parentis to such minor students.

CURRENT FEES

Matriculation fee (paid once)	$10 00
Tuition fee (each year)—Residents of Maryland	450.00
Tuition fee (each year)—Non-Residents	600.00
Laboratory fee (each year)	25.00
Student health service fee (each year)	20.00
Maintenance and service fee (each year)	10.00
Graduation fee	15.00
Re-examination fee (each subject)	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the University of Maryland.

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of $10.00 and a deposit on tuition of $50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This $60 00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the Office of the Comptroller, Gray Laboratory. (See calendar in front of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee, the laboratory fee, the student health fee, and the maintenance and service fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of $5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the Dean within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the comptroller $5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

MAINTENANCE AND SERVICE FEE

This fee pays for the use of clothing lockers, and provides for the maintenance of loan collections and of the student lounge and cafeteria. It also furnishes photographs for all departmental requests and for state board applications, pays room rent for the third- and fourth-year students when on outside obstetrics and furnishes the graduating students with invitations and tickets to the Pre-Commencement Exercises.

PERSONAL EXPENSES

The following estimates of personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience. In addition to these the student must bear in mind the expenditure for a microscope.

	Low	*Average*	*Liberal*
Books	$50	$75	$100
College incidentals	20	20	20
Board, eight months	224	288	352
Room rent	144	184	216
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$513	$697	$913

STUDENT HEALTH SERVICE

T. Nelson Carey, M.D. . . . . Director, Student Health Service

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the school physician, Dr. T. N. Carey, in his office at the medical school, at 9 A.M. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculate is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within three months before entering the School of Medicine. Long study hours bring out unsuspected eye defects which cause much loss of time and inefficiency in study if not corrected until after school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

ADVANCEMENT AND GRADUATION

1. All students are required to take the spring examinations unless excused by the Dean.
2. When a student has failures in two completed major courses, he or she shall be dropped from the rolls of the Medical School.
3. No student will be permitted to pass to a higher class with conditions.
4. Should a student be required to repeat any year in the course, he must pay regular fees.
5. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examinations in such other branches as may be required, should he again be permitted to enter the school as a candidate for graduation.
6. The general fitness of a candidate for graduation, as well as the results of his examinations, will be taken into consideration by the faculty.

EQUIPMENT

7. At the beginning of the first year, all students must be prepared to purchase microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp.

A standard microscope of either Bausch & Lomb, Leitz, Spencer, or Zeiss make, fitted with the following attachments, will fill the requirements:

Oculars: 10 x and 5 x.
Triple nose piece with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.
Wide aperture stage with quick screw condenser.

All used microscopes are subject to inspection and approval before their use in the laboratory is permitted. The student is cautioned against the purchase of such an instrument before its official approval by the school.

8. Students in the second year class are required to provide stethoscopes.
9. Third- and fourth-year students are required to provide haemocytometers, opthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

10. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State certificates in the office of

the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

11. Each new matriculate in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

12. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of "C" or better for the work of his first year in the School of Medicine.

c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

13. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

PRIZES

THE FACULTY PRIZE

The faculty will award the gold medal and five certificates of honor to those six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed two months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value $100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Faculty Board "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value $100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value $100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value $125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Faculty Board, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Faculty Board to a student of the senior class in need of assistance who presents to the Faculty Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value $200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuroanatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value $300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value $150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the

Faculty Board may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value $125.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Faculty Board to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately $250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Faculty Board to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of $500.00 is now available to cover two (2) scholarships in the amount of $250.00 each for the scholastic year, beginning in 1945, as a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School in collaboration with the Scholarship and Loan Committee of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of $100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of $100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under thirteen departments.

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology.
12. Roentgenology.
13. Anaesthesiology.

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF GROSS ANATOMY

Eduard Uhlenhuth	Professor of Anatomy
Frank H. J. Figge	Associate Professor of Gross Anatomy
R. Dale Smith	Assistant Professor of Gross Anatomy
	Instructor in Gross Anatomy

Otto C. Brantigan	Professor of Surgical Anatomy
W. Wallace Walker	Assistant Professor of Surgical Anatomy
William B. Settle	Associate in Surgical Anatomy
Harry C. Bowie	Instructor in Surgical Anatomy
Herbert E. Reifschneider	Instructor in Surgical Anatomy
Ross Z. Pierpont	Assistant in Surgical Anatomy

Gross Anatomy. *First Year.* First semester. Six lectures and conferences and seventeen laboratory hours a week during the first fifteen weeks; eleven lectures and conferences and twenty-seven laboratory hours a week during the following two weeks.

This course comprises the dissection of the head, neck, chest, abdomen, pelvis and upper extremity; in addition, there is presented an extensive demonstration course of specially dissected preparations of the pelvis and perineum, and a separate lecture course on the peripheral nervous system. Members of the staff.

First Year. Second semester. One lecture and four laboratory hours a week during February and March, comprising the dissection of the lower extremity. Dr. Smith.

First semester	421 hours
Second semester	40 hours
Total	461 hours

Topographic and Surgical Anatomy. *Second Year.* The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the the study and practice of medicine and surgery. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods are given each week during the second semester. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, and Pierpont.

Total hours: 96.

Advanced Anatomy (*elective course*). Selected problems in gross anatomy. This course is intended to offer to the upper class student an opportunity of extending the knowledge secured in the freshman course. Drs. Uhlenhuth and Brantigan

Total hours: By arrangement.

In addition to the above course, facilities for special anatomical problems are offered to the more advanced student and physician.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY

Carl L. Davis	Professor of Anatomy
O. G. Harne	Associate Professor of Histology
John F. Lutz	Assistant Professor of Histology

First Year. The course in histology is divided equally between the study of the fundamental tissues and that of organs. Throughout the entire course the embryology of the part being studied precedes the study of the fully developed tissue. Thus embryology becomes a correlated part of the whole subject of microscopic anatomy and not an independent subject.

Each student is furnished a set of histological slides, previously prepared in our own laboratory, thus insuring a uniform and satisfactory quality of material for study and permitting the time of the student to be expended in the study of material rather than in the technic of its preparation. The object of the course is to present the evidence of function as shown by the structure of tissues and organs. Drs. Davis, Lutz and Harne.

An optional laboratory course is offered. This supplements the required course giving laboratory experience which can not be incorporated in the former. No added charge is made for the course.

Total hours: 150.

NEURO-ANATOMY

First Year. Neuro-anatomy embraces a study of the fundamental structure of the central nervous system as applied to its function. An abundance of material permits of individual dissection of the human brain. A series of appropriately stained sections of the human brain stem is furnished each student for the microscopic study of the internal structure of the nervous system. Drs. Davis, Lutz and Harne.

Total hours: 100.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHYSIOLOGY

William R. Amberson	Professor of Physiology
Dietrich Conrad Smith	Associate Professor of Physiology
Robert H. Oster	Associate Professor of Physiology
Robert S. Anderson	Assistant Professor of Physiology
Mary E. Chinn	Instructor in Physiology
June Linda Snyder	Assistant in Physiology

Four lectures, one conference and two laboratory periods a week, 1st semester of each academic year. The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel	Professor of Bacteriology
James G. McAlpine	Associate Professor of Bacteriology
H. Edmund Levin	Associate in Bacteriology
Henry F. Buettner	Instructor in Bacteriology

The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction in bacteriology is given in the laboratory to students of the second year class during the first semester. This includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second year class in the second semester.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 120.
Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie	Professor of Biological Chemistry
Emil G. Schmidt	Associate Professor of Biological Chemistry
Frank N. Ogden	Associate in Biological Chemistry
Ann Virginia Brown	Instructor in Biological Chemistry

This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHARMACOLOGY

John C. Krantz, Jr.	Professor of Pharmacology
C. Jelleff Carr	Associate Professor of Pharmacology
Harry K. Iwamoto	Assistant Professor of Pharmacology
Nathaniel M. Beck	Instructor in Pharmacology
Ruth Musser	Instructor in Pharmacology
William G. Harne	Demonstrator in Pharmacology
Frederick K. Bell	U. S. Pharmacopoeia Fellow
Dorothy K. Shipley	Fellow in Pharmacology
Elaine Gaby	Emerson Fellow in Pharmacology
Mary J. Sauerwald	Emerson Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer	Professor of Pathology
Robert B. Wright	Associate Professor of Pathology
C. Gardner Warner	Associate Professor of Pathology
Walter C. Merkel	Assistant Professor of Pathology
Albert E. Goldstein	Assistant Professor of Pathology
Howard J. Maldeis	Associate in Pathology
John A. Wagner	Associate in Pathology
Dexter L. Reimann	Associate in Pathology
Milton S. Sacks	Instructor in Pathology
Conrad B. Acton	Instructor in Pathology
Roland E. Bieren	Instructor in Pathology
Howard B. Mays	Instructor in Pathology
Ephraim T. Lisansky	Instructor in Pathology
D. McClelland Dixon	Instructor in Pathology
Helen A. Horn	Instructor in Pathology
William B. VandeGrift	Instructor in Pathology
Seymour W. Rubin	Assistant in Pathology
Ernest G. Guy	Weaver Fellow in Pathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

General Pathology. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

Autopsies. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

Clinical-Pathological Conference. (*Fourth Year.*) These exercises are held in collaboration with the Department of Medicine. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs	Professor of Medicine
Joseph E. Gichner	Professor of Clinical Medicine and Physical Therapeutics
G. Carroll Lockard	Professor of Clinical Medicine
Thomas P. Sprunt	Professor of Clinical Medicine
H. Raymond Peters	Professor of Clinical Medicine
Paul W. Clough	Associate Professor of Medicine
Walter A. Baetjer	Associate Professor of Medicine
William S. Love, Jr.	Associate Professor of Medicine
Louis A. M. Krause	Associate Professor of Medicine
T. Nelson Carey	Associate Professor of Medicine
William H. Smith	Associate Professor of Clinical Medicine
Howard J. Maldeis	Associate Professor of Legal Medicine
George McLean	Assistant Professor of Medicine
John E. Legge	Assistant Professor of Medicine
Thomas C. Wolff	Assistant Professor of Medicine
H. M. Bubert	Assistant Professor of Medicine
J. S. Eastland	Assistant Professor of Medicine
Milton S. Sacks	Assistant Professor of Medicine
Lewis P. Gundry	Assistant Professor of Medicine
Charles R. Goldsborough	Lecturer in Medicine
Clark H. Yeager	Lecturer in Tropical Medicine
Wetherbee Fort	Associate in Medicine
Frank J. Geraghty	Associate in Medicine
E. H. Tonolla	Associate in Medicine
★Harry V. Langeluttig	Associate in Medicine
Sol Smith	Associate in Medicine

David Tenner	Instructor in Medicine
R. B. Mitchell, Jr.	Instructor in Medicine
Samuel Legum	Instructor in Medicine
M. S. Shiling	Instructor in Medicine
H. Edmund Levin	Instructor in Medicine
Robert A. Reiter	Instructor in Medicine
W. Grafton Hersperger	Instructor in Medicine
Meyer W. Jacobson	Instructor in Medicine
Conrad Acton	Instructor in Medicine
Hugh G. Whitehead	Instructor in Medicine
Philip D. Flynn	Instructor in Medicine
Edward S. Kallins	Instructor in Medicine
Irving Freeman	Instructor in Medicine
John A. Myers	Instructor in Medicine
Kurt Levy	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
Francis G. Dickey	Instructor in Medicine
C. Edward Leach	Instructor in Medicine
Lawrence M. Serra	Instructor in Medicine
Marie A. Andersch	Instructor in Medicine
M. Paul Padget	Instructor in Medicine
W. H. Triplett	Assistant in Medicine
Morris Fine	Assistant in Medicine
William H. Grenzer	Assistant in Medicine
★George Silverton	Assistant in Medicine
★Lawrence Katzenstein	Assistant in Medicine
Leon Ashman	Assistant in Medicine
Harry M. Robinson, Jr.	Assistant in Medicine
Nathaniel M. Beck	Assistant in Medicine
Paul E. Carliner	Assistant in Medicine
Samuel Snyder	Assistant in Medicine
S. Edwin Muller	Assistant in Medicine
Louis J. Kroll	Assistant in Medicine
William K. Waller	Assistant in Medicine
Ephraim T. Lisansky	Assistant in Medicine
★Nachman Davidson	Assistant in Medicine
Samuel T. R. Revell	Assistant in Medicine
Arthur Karfgin	Assistant in Medicine
Joseph E. Muse, Jr.	Assistant in Medicine
Daniel Wilfson, Jr.	Assistant in Medicine
Joseph B. Gross	Assistant in Medicine
Samuel J. Hankin	Assistant in Medicine
Charles W. Knerler	Assistant in Medicine
★Robert L. Gibbs	Assistant in Medicine
James R. Karns	Assistant in Medicine
★Robert B. Mearns	Assistant in Medicine
William H. Kammer, Jr.	Assistant in Medicine
L. Ann Hellen	Assistant in Medicine
Leslie Harrell Pierce	Assistant in Medicine
Audrey M. Funk	Assistant in Medicine

FREDERICK J. VOLLMER	Assistant in Medicine
MARGARET VIRGINIA PALMER	Assistant in Medicine
JOHN R. DAVIS	Assistant in Medicine
*J. EMMETT QUEEN	Assistant in Medicine
JOHN Z. BOWERS	Assistant in Medicine
ROLLIN C. HUDSON	Assistant in Medicine

GENERAL OUTLINE

SECOND YEAR

Introduction to clinical medicine.

(a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)

(b) Medical clinics. (1 hour a week, second semester.)

THIRD YEAR

I. The methods of examination (13 hours a week). (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.

These subjects are taught and practiced in the hospital out-patient department and in the clinical laboratory.

II. The principles of medicine (200 hours).

(a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics psychiatry and preventive medicine.

III. The principles of therapeutics (15 hours). Lectures and demonstrations.

FOURTH YEAR

The practice of medicine.

I. Clinical clerkship on the medical wards. (26 hours a week for ten weeks.)

(a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.

(b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties.
(6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week).

MEDICAL DISPENSARY WORK

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

PHYSICAL DIAGNOSIS

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs. Dr. McLean.

Third Year. The class is divided into small groups and each section receives instruction for two hours daily for ten weeks. This course is given at the

Baltimore City Hospitals. The large clinical material there is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases. A course of lectures (1 hour a week) on physical diagnosis supplements the practical work in this subject. Drs. Wolff, Reiter, Ashman, Kroll, Legum and Wilfson.

THERAPEUTICS

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. One hour a week. Dr. Lockard.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Students attend therapeutic ward rounds once a week throughout their medical trimester.

TROPICAL MEDICINE

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, Dr. Clark H. Yeager conducts a course of lectures and demonstrations to the entire fourth year class. The course occupies one hour weekly for twenty weeks.

TUBERCULOSIS

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

CARDIOLOGY

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

During the fourth year an elective course in cardiology is offered at the Mercy Hospital. The course occupies one and one-half hours weekly. Physical diagnosis, electocardiography and the therapeutic management of cardiac cases are stressed.

Elective outpatient work is available also to members of the fourth year class in the cardiac clinic of the University Hospital.

SYPHILIS

Third Year. During the third year the subject of syphilis is dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis is offered in the dispensary.

CLINICAL PATHOLOGY

Milton S. Sacks	Assistant Professor of Medicine and Head of Department of Clinical Pathology
Sol Smith	Associate in Medicine
John A. Myers	Instructor in Medicine
Marie A. Andersch	Biochemist, University Hospital, Instructor in Medicine
Hugh G. Whitehead	Assistant in Medicine
S. Edwin Muller	Assistant in Medicine
John A. Wagner	Assistant in Medicine
Dexter L. Reimann	Assistant in Medicine
L. Ann Hellen	Assistant in Medicine
Audrey M. Funk	Assistant in Medicine

During the third year the student is thoroughly drilled in the technic of the usual clinical laboratory work, so that he is able to perform all routine examinations which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student provides his own microscope and blood counters and is supplied a haemoglobinometer for his exclusive use. Every two students are equipped with a special laboratory outfit for all routine purposes.

During the fourth year the student applies in the laboratories of the various affiliated hospitals what he has learned during the preceding year. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Theodore H. Morrison	Clinical Professor of Gastro-Enterology
Maurice Feldman	Assistant Professor of Gastro-Enterology
Zachariah Morgan	Assistant Professor of Gastro-Enterology
Samuel Morrison	Assistant Professor of Gastro-Enterology
Z. Vance Hooper	Associate in Gastro-Enterology
Albert J. Shochat	Instructor in Gastro-Enterology
Francis G. Dickey	Instructor in Medicine
John A. Myers	Assistant in Gastro-Enterology
Nathaniel M. Beck	Assistant in Gastro-Enterology
Alfred S. Lederman	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Clinics and demonstrations are given to the class for one hour a week; dispensary instruction to small groups throughout the entire session. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

PSYCHIATRY

Ross McC. Chapman	Professor of Psychiatry
Ralph P. Truitt	Associate Professor of Psychiatry
Harry Goldsmith	Assistant Professor of Psychiatry
H. W. Newell	Assistant Professor of Psychiatry
Harry M. Murdock	Assistant Professor of Psychiatry
★Leslie B. Hohman	Lecturer in Psychiatry
William W. Elgin	Associate in Psychiatry
Hans W. Loewald	Associate in Psychiatry
A. Russell Anderson	Instructor in Psychiatry
Philip S. Wagner	Instructor in Psychiatry
J. G. N. Cushing	Instructor in Psychiatry
Francis McLaughlin	Instructor in Psychiatry
Samuel Novey	Instructor in Psychiatry
Kathryn L. Schultz	Instructor in Psychiatry

First Year. The 16 lecture hours will be devoted largely to a discussion of factors influencing the formation of character and the deviations in personality falling within the range of "normal." The usual endogenous and environmental experiences which provide critical periods during the life of an individual will be chronologically presented. Basic psychological concepts and psycho-dynamics will be reviewed. The methods of psychiatry with reference to the life history, mental status examination, and psychometric testing will be outlined and demonstrated.

Second Year. 14 2-hour lecture demonstrations on psychopathology will introduce the student to personality deviations considered "abnormal." The mental status examination will be demonstrated in detail. The major and minor psychoses will be presented in terms of the psycho-dynamics of symptoms and reaction types. The student will be expected, at the conclusion of the year, to be familiar with the psychopathology and clinical characteristics of the usual psychiatric problems.

Third Year. The 16 lecture hours will be devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment will be reviewed, but the main emphasis will be toward familiarizing the student with forms of therapy feasible in routine medical practice. During the 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A series of 10 lecture demonstrations will serve to summarize previous instruction and to appraise the student's insight into psychopathology, the recognition of clinical syndromes, and their management. Characteristic reaction types will be demonstrated and discussed largely as concerns probable etiology and possible preventive measures. The relationship of mental illness to the major problems of social upheaval, economic, and other sources of insecurity will be considered.

PEDIATRICS

C. Loring Joslin	Professor of Pediatrics
Edgar B. Friedenwald	Professor of Clinical Pediatrics
T. Campbell Goodwin	Associate Professor of Pediatrics
Hugh W. Josephs	Associate Professor of Pediatrics
John H. Traband	Assistant Professor of Pediatrics
Albert Jaffe	Assistant Professor of Pediatrics
A. H. Finkelstein	Assistant Professor of Pediatrics
Frederick B. Smith	Assistant Professor of Pediatrics
J. Edmund Bradley	Assistant Professor of Pediatrics
Clewell Howell	Associate in Pediatrics
Samuel S. Glick	Associate in Pediatrics
William M. Seabold	Associate in Pediatrics
G. Bowers Mansdorfer	Associate in Pediatrics
M. Paul Byerly	Instructor in Pediatrics
Jerome Fineman	Instructor in Pediatrics
B. Matthew Debuskey	Instructor in Pediatrics
Gibson J. Wells	Instructor in Pediatrics
Arnold F. Lavenstein	Instructor in Pediatrics
Mary L. Hayleck	Instructor in Pediatrics
W. J. Schmitz	Assistant in Pediatrics
Israel P. Meranski	Assistant in Pediatrics
Lauriston L. Keown	Assistant in Pediatrics
★Earle S. Scott	Assistant in Pediatrics
★William Earl Weeks	Assistant in Pediatrics
★Thomas A. Hedrick	Assistant in Pediatrics
★J. Carlton Wich	Assistant in Pediatrics
★A. Robert Marks	Assistant in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. An amphitheatre clinic is given at which patients are shown to demonstrate the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems concerning diagnosis, care, treatment and clinical pathology of the diseases of infants and children. (30 hours.)

Students are assigned subjects for the preparation of theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory work, and following up the patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day being devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under supervision of one of the staff instructors. (45 hours.)

Total hours: 300.

NEUROLOGY

Irving J. Spear	Professor of Neurology
Andrew C. Gillis	Professor of Neurology
Leon Freedom	Associate Professor of Neurology
Philip F. Lerner	Associate in Neurology
William L. Fearing	Instructor in Neurology
Edward F. Cotter	Assistant in Neurology
Harry A. Teitelbaum	Assistant in Neurology
John W. Machen	Assistant in Neurology
George C. Medairy	Assistant in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. A clinical conference one hour each week is given to the whole class at the University and Mercy Hospitals. All patients presented at these clinics are carefully examined. Complete written records are made by the students who demonstrate the patients before the class. The patients are usually assigned one or two weeks before they are presented, and each student in the class must study and present one or more patients during the year.

Ward Class Instruction. Nine hours of instruction are given to each student in small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the patients in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

HYGIENE AND PUBLIC HEALTH

Huntington Williams	Professor of Hygiene and Public Health
William H. F. Warthen	Assistant Professor of Hygiene and Public Health
Ross Davies	Assistant Professor of Hygiene and Public Health
Myron G. Tull	Lecturer in Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Monday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and the Baltimore City Health Department.

Fourth Year. Six one-hour lectures are given to the whole class at the beginning of the first semester and are on important public health procedures such as maternal and child hygiene, sewage disposal, vital statistics, interstate and international quarantine and research in public health. Elective work is also assigned at Sydenham Hospital, the one-hundred bed communicable disease hospital of the City Health Department, and at its Western Health District, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

LEGAL MEDICINE

Howard J. Maldeis	Associate Professor of Legal Medicine Chief Medical Examiner, Maryland

Third Year. This course embraces a summary of some of the following: Proceedings in criminal and civil prosecution, medical evidence and testimony, identity and its general relations, rape, criminal abortions, signs of death, wounds in their medico-legal relations, natural and homicidal death, malpractice, insanity, and medico-legal autopsies, including poisoning.

Total hours: 4.

DEPARTMENT OF SURGERY

Arthur M. Shipley	Professor of Surgery
Walter D. Wise	Professor of Surgery
Charles Reid Edwards	Professor of Surgery
Elliott H. Hutchins	Professor of Surgery
Charles Bagley, Jr.	Professor of Neurological Surgery
Thomas B. Aycock	Professor of Clinical Surgery
F. L. Jennings	Professor of Clinical Surgery
D. J. Pessagno	Professor of Clinical Surgery
Monte Edwards	Clinical Professor of Surgery
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Richard G. Coblentz	Clinical Professor of Neurological Surgery
Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Thomas R. Chambers	Associate Professor of Surgery
R. W. Locher	Associate Professor of Clinical Surgery
Edward S. Johnson	Associate Professor of Surgery
N. Clyde Marvel	Associate Professor of Surgery
Grant E. Ward	Associate Professor of Surgery
Cyrus F. Horine	Associate Professor of Surgery
Charles W. Maxson	Associate Professor of Surgery

George H. Yeager	Associate Professor of Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
C. W. Peake	Associate Professor of Surgery
Otto C. Brantigan	Associate Professor of Surgery
James G. Arnold, Jr.	Associate Professor of Neurological Surgery
H. F. Bongardt	Assistant Professor of Surgery
Harry C. Hull	Assistant Professor of Surgery
I. O. Ridgely	Assistant Professor of Surgery
James W. Nelson	Assistant Professor of Surgery
I. Ridgeway Trimble	Assistant Professor of Surgery
Richard T. Shackelford	Assistant Professor of Surgery
Simon H. Brager	Assistant Professor of Surgery
Thurston R. Adams	Assistant Professor of Surgery
W. Wallace Walker	Assistant Professor of Surgery
Raymond F. Helfrich	Associate in Surgery
E. Eugene Covington	Associate in Surgery
Luther E. Little	Associate in Surgery
William B. Settle	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
William F. Rienhoff, Jr.	Associate in Surgery
George Govatos	Associate in Surgery
Joseph V. Jerardi	Associate in Surgery
E. M. Hanrahan	Instructor in Surgery
J. Duer Moores	Instructor in Surgery
Calvin Hyman	Instructor in Surgery
Clyde F. Karns	Instructor in Surgery
Daniel R. Robinson	Instructor in Surgery
Herbert E. Reifschneider	Instructor in Surgery
George H. Brouillet	Instructor in Surgery
Harry C. Bowie	Instructor in Surgery
William L. Garlick	Instructor in Surgery
Stuart G. Coughlan	Instructor in Surgery
Harold H. Burns	Instructor in Surgery
John F. Schaefer	Instructor in Surgery
Robert F. Healy	Instructor in Surgery
Robert C. Sheppard	Instructor in Surgery
William R. Geraghty	Assistant in Surgery
Howard B. McElwain	Assistant in Surgery
A. V. Buchness	Assistant in Surgery
T. J. Touhey	Assistant in Surgery
Samuel H. Culver	Assistant in Surgery
Albert R. Wilkerson	Assistant in Surgery
L. T. Chance	Assistant in Surgery
W. Allen Deckert	Assistant in Surgery
Herbert M. Foster	Assistant in Surgery
Robert F. Chenowith	Assistant in Surgery
★Henry L. Rigdon	Assistant in Surgery
★Henry A. Briele	Assistant in Surgery
★F. Ford Loker	Assistant in Surgery
Patrick C. Phelan, Jr.	Assistant in Surgery
E. Roderick Shipley	Assistant in Surgery

Robert Z. Berry	Assistant in Surgery
Preston R. Cutler	Assistant in Surgery
James W. Hendrick	Assistant in Surgery
John O. Robben	Assistant in Plastic Surgery
Ross Z. Pierpont	Assistant in Surgery
William C. Dunnigan	Assistant in Surgery
Howard L. Zupnik	Assistant in Surgery
Edwin O. Daue, Jr.	Assistant in Surgery
Charles P. Scarborough	Assistant in Plastic Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

Topographic and Surgical Anatomy. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider and Pierpont.

Total hours: 96.

Principles of Surgery. *Second semester.* This course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Aycock and Bowie.

THIRD YEAR

General and Regional Surgery. Lectures, recitations and clinics on the principles of surgery, general surgery including fractures and dislocations are given three hours a week to the whole class. Drs. C. R. Edwards and Hull.

The class is divided into groups and receives instruction in history-taking and surgical pathology under the supervision of the chief of the pathologic department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at this institution by Drs. Aycock, C. A. Reifschneider, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

Operative Surgery. Two courses in operative surgery are given under the supervision of Dr. Yeager assisted by Drs. Ullrich, Peake, Brager, Mays, Govatos, Jerardi, Karns, Robinson, Brouillet, Healy and Deckert. The class is divided into sections and each section is given practical and individual work under the supervision of the instructors.

Surgical Out-patient Department. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Coughlan assisted by the out-patient staff.

FOURTH YEAR

Clinics. A weekly clinic is given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. Wise. University Hospital—Dr. Shipley.

Surgical Pathology. At Mercy Hospital. Specimens from the operating room and museum are studied in the gross and microscopically in relation to the case history. 14 hours. Dr. Pessagno.

Surgery of the Chest. At Mercy Hospital. Operations and conferences. 14 hours. Dr. Rienhoff.

Traumatic Surgery. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

Clinical Clerkship. This work includes the personal study of assigned hospital patients, under supervision of the staffs of the University and Mercy Hospitals, history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Blake, Pessagno, Bongardt, Nelson, Marvel, Maxson, and Jennings. University Hospital—Drs. Shipley, C. Reid Edwards and Aycock.

DERMATOLOGY

Harry M. Robinson, Sr.	Professor of Dermatology
Francis A. Ellis	Assistant Professor of Dermatology
Harry M. Robinson, Jr.	Assistant Professor of Dermatology
Lester N. Kolman	Instructor in Dermatology
Lucile J. Caldwell	Instructor in Dermatology
Eugene S. Bereston	Instructor in Dermatology
A. Albert Shapiro	Instructor in Dermatology
Israel Zeligman	Instructor in Dermatology
Mark B. Hollander	Instructor in Dermatology
Benjamin Highstein	Instructor in Dermatology
V. Harwood Link	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of demonstrations of the common skin diseases and venereal diseases given throughout the year by Dr. Robinson and staff. A weekly lecture-demonstration is given to the whole senior class by Dr. Robinson and Dr. Ellis.

Daily demonstrations and conferences are carried on by the out-patient staff in the dermatologic clinic involving both skin diseases and venereal diseases.

Third year	15 hours
Fourth Year	49 hours
Total	64 hours

ORTHOPAEDIC SURGERY

Allen Fiske Voshell	Professor of Orthopaedic Surgery
Compton Riely	Clinical Professor of Orthopaedic Surgery
Moses Gellman	Associate Professor of Orthopaedic Surgery
Harry L Rogers	Associate Professor of Orthopaedic Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
I. H. Maseritz	Instructor in Orthopaedic Surgery
Milton J. Wilder	Instructor in Orthopaedic Surgery
John V. Hopkins	Assistant in Orthopaedic Surgery
*Jason H. Gaskel	Assistant in Orthopaedic Surgery

Didactic, clinical, bedside and out-patient instruction is given to the fourth year at the University and Mercy Hospitals and Dispensaries, Kernan Hospital for Crippled Children at Dickeyville and Baltimore City Hospitals. Instruction is also given to the third year in small groups at the Baltimore City Hospitals.

Weekly lectures throughout the year present all phases of orthopaedic surgery except fractures; brief discussions and demonstrations of physical therapy are included.

Fourth year groups are given more intimate instruction biweekly at one of the above institutions; fracture cases are included here.

Third year	60 hours
Fourth year	90 hours
Total	150 hours

RHINOLOGY AND LARYNGOLOGY

Edward A. Looper	Professor of Rhinology and Laryngology
Waitman F. Zinn	Clinical Professor of Rhinology and Laryngology
Franklin B. Anderson	Associate Professor of Rhinology and Laryngology
W. Raymond McKenzie	Associate in Rhinology and Laryngology
Thomas R. O'Rourk	Associate in Rhinology and Laryngology
Benjamin S. Rich	Associate in Rhinology and Laryngology
Fayne A. Kayser	Instructor in Rhinology and Laryngology
Theodore A. Schwartz	Instructor in Rhinology and Laryngology

Frederick T. Kyper	Instructor in Rhinology and Laryngology
Samuel L. Fox	Instructor in Rhinology and Laryngology
William C. Humphries	Assistant in Rhinology and Laryngology
John H. Hirschfeld	Assistant in Rhinology and Laryngology
Benjamin H. Isaacs	Assistant in Rhinology and Laryngology

Third Year. Instruction to whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for seven weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for one and one-half hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year	9 hours
Fourth year	53 hours
Total	62 hours

GENITO-URINARY SURGERY

W. Houston Toulson	Professor of Genito-Urinary Surgery
Kenneth D. Legge	Professor of Clinical Genito-Urinary Surgery
Howard B. Mays	Assistant Professor of Genito-Urinary Surgery
Francis W. Gillis	Assistant Professor of Genito-Urinary Surgary
Austin H. Wood	Associate in Genito-Urinary Surgery
Lyle J. Millan	Associate in Genito-Urinary Surgery
L. K. Fargo	Associate in Genito-Urinary Surgery
John F. Hogan	Associate in Genito-Urinary Surgery
W. A. H. Councill	Associate in Genito-Urinary Surgery
Hugh Jewett	Assistant in Genito-Urinary Surgery
Morris A. Fine	Assistant in Genito-Urinary Surgery

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course in this year includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student here is placed much on his own responsibility in arriving at a diagnosis. Members of the staff are in constant attendance for consultations. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	8 hours
Fourth year	64 hours
Total	72 hours

PROCTOLOGY

Charles F. Blake	Professor of Proctology
Monte Edwards	Clinical Professor of Proctology
Thurston R. Adams	Assistant Professor of Proctology
Simon H. Brager	Associate in Proctology

Third Year. Seven lectures are given to the whole class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Adams.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Brager. University Hospital—Dr. Adams.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

OTOLOGY

Thomas R. O'Rourk	Clinical Professor of Otology
Franklin B. Anderson	Associate Professor of Otology
Benjamin S. Rich	Associate in Otology
William A. Parr	Instructor in Otology
Frederick T. Kyper	Instructor in Otology
Samuel L. Fox	Instructor in Otology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

Third year	12 hours
Fourth year	40 hours
Total	52 hours

NEUROLOGICAL SURGERY

Charles Bagley, Jr.	Professor of Neurological Surgery
Richard G. Coblentz	Clinical Professor of Neurological Surgery
James G. Arnold, Jr.	Associate Professor of Neurological Surgery
John A. Wagner	Hitchcock Fellow and Instructor in Neurological Surgery
Louis O. J. Manganiello	Fellow in Neurological Surgery

Third Year. The course covers instruction in diagnosis and treatment of surgical conditions of the brain, spinal cord and the peripheral nerves. Drs. Bagley, Coblentz and Arnold.

Fourth Year. Weekly ward rounds and conferences are given at the University Hospital. Drs. Bagley, Coblentz and Arnold.

Third year	12 hours
Fourth year	30 hours
Total	42 hours

ONCOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Grant E. Ward	Associate Professor of Surgery
Beverley C. Compton	Associate in Gynecology
John C. Dumler	Associate in Gynecology
E. Eugene Covington	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
J. Duer Moores	Instructor in Surgery
Ernest I. Cornbrooks, Jr.	Instructor in Gynecology
William K. Diehl	Instructor in Gynecology
Everett S. Diggs	Assistant in Gynecology
John O. Robben	National Cancer Institute Fellow

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third Year: An out-patient clinic is held twice weekly, which affords an opportunity for instruction in small groups of students assigned in rotation from the general surgical and gynecological sections. The gynecological problems are under the supervision of Dr. Hundley and the general surgical conditions are under the direction of Dr. Ward.

In addition to dispensary work, five lectures in general oncology are given by Dr. Ward to the entire class at the end of the year. The increasing importance of the cancer problem throughout the State, Nation and civilized world is emphasized. An introduction to the history, physics and practical application of radium is given. The diagnosis and treatment, both surgical and radiological, of neoplasms of the head and neck, oral cavity, skin, breasts and hemopoietic system are also covered.

Fourth Year: Each ward class meets for one and one-half hours once a week for five weeks with Dr. Ward and staff for demonstration and discussion of patients with neoplastic diseases.

Dr. Hundley and staff give instructions in the diagnosis and treatment of cancer of the generative organs during the regular gynecological courses in addition to the above mentioned dispensary instruction.

Third year	8 hours
Fourth year	16 hours
Total	24 hours

DENTISTRY

[1]Brice M. Dorsey	Professor of Oral Surgery
Harry M. Robinson, Sr.	Professor of Dermatology
[1]Vernon D. Kaufman	Associate Professor of Oral Surgery
[1]J. Herbert Wilkerson	Associate Professor of Oral Surgery
[1]Edward C. Dobbs	Associate Professor of Pharmacology
Grant E. Ward	Associate Professor of Oral Surgery
George McLean	Assistant Professor of Medicine
[1]Carl E. Bailey	Instructor in Prosthetic Dentistry
[1]Samuel H. Bryant	Instructor in Oral Diagnosis
[1]Eugene L. Pessagno	Instructor in Operative Dentistry

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[1] Faculty member, School of Dentistry.

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

INDUSTRIAL MEDICINE AND SURGERY

G. Carroll Lockard	Professor of Clinical Medicine
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thurston R. Adams	Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 48.

FIRST AID INSTRUCTION

Instruction consists of lectures combined with practical demonstrations and actual practice by students for one hour a week for ten weeks during the second semester of the Freshman Year.

PLASTIC SURGERY

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
John O. Robben	Assistant in Plastic Surgery
Clarence P. Scarborough	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

DEPARTMENT OF OBSTETRICS

Louis H. Douglass	Professor of Obstetrics
J. McFarland Bergland	Associate Professor of Obstetrics
Emil Novak	Associate Professor of Obstetrics
J. G. M. Reese	Associate Professor of Obstetrics
M. Alexander Novey	Assistant Professor of Obstetrics
Isadore A. Siegel	Assistant Professor of Obstetrics
John E. Savage	Assistant Professor of Obstetrics
Margaret B. Ballard	Associate in Obstetrics
Dudley P. Bowe	Associate in Obstetrics
Hugh B. McNally	Associate in Obstetrics
D. McClelland Dixon	Associate in Obstetrics
D. Frank Kaltreider	Associate in Obstetrics
Frank K. Morris	Instructor in Obstetrics
Kenneth B. Boyd	Assistant in Obstetrics
Thomas S. Bowyer	Assistant in Obstetrics

Jaroslav Hulla	Assistant in Obstetrics
Maxwell L. Mazer	Assistant in Obstetrics
Jacob R. Jensen	Assistant in Obstetrics
J. Warren Albrittain	Assistant in Obstetrics
W. Kenneth Mansfield, Jr.	Assistant in Obstetrics
George H. Davis	Assistant in Obstetrics
Charles H. Doeller, Jr.	Assistant in Obstetrics
J. King B. E. Seegar, Jr.	Assistant in Obstetrics
★Schuyler G. Kohn	Assistant in Obstetrics
John H. Morrison	Assistant in Obstetrics
Oscar Hartman	Assistant in Obstetrics
Melvin D. Kappelman	Assistant in Obstetrics
Jones B. Ballina	Assistant in Obstetrics
William A. Mitchell	Assistant in Obstetrics
T. Edgie Russell	Assistant in Obstetrics
Irvin P. Klemkowski	Assistant in Obstetrics

Third Year. The lectures and recitations consisting of three hours' teaching weekly are designed to cover the anatomy of the female generative tract and the bony pelvis, the physiology and development of the ovum and the physiology of pregnancy and labor. Following this the pathology of pregnancy, labor and the puerperium are taken up. Drs. Douglass, Novak, Reese, Siegel and Savage.

Each student spends time during his junior year at the Baltimore City Hospitals observing, assisting and finally delivering patients under strict supervision. Each student sees about twenty deliveries there, and does a considerable amount of the routine work.

The junior students are assigned as assistants to the seniors in the home delivery service and accompany them on deliveries.

Each student receives, in small groups, ten hours of instruction in palpation of patients and mensuration of the pelvis and demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year. At the weekly clinical conference, cases are presented and discussed and the student body is encouraged to offer opinions and to ask questions. There is no didactic teaching done, and an earnest effort is made to keep it, in every sense of the word, a conference. Dr. Douglass.

The ward classes are held twice weekly for five weeks for each group. Various subjects are assigned and discussed, patients and their histories are presented. Drs. Reese, Novey, Savage and McNally.

Manikin instruction is given once a week. Drs. Dixon, Kaltreider and Doeller.

During the same five-week period, the students are sent into patients' homes to conduct deliveries under supervision of a senior member of the house staff and with the assistance of a graduate nurse. The student is held responsible for the complete conduct of each assigned case.

Each student spends thirty hours in the prenatal clinic, taking histories and examining patients under supervision.

Finally, the students are invited to attend the monthly meetings of The Committee on Maternal Mortality, where all maternal deaths occurring in Baltimore are openly discussed. *Hours*—Third year—148; Fourth year—102; total—250.

DEPARTMENT OF GYNECOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Thomas K. Galvin	Clinical Professor of Gynecology
Leo Brady	Assistant Professor of Gynecology
Edward P. Smith	Assistant Professor of Gynecology
John T. Hibbitts	Associate in Gynecology
Kenneth B. Boyd	Associate in Gynecology
John C. Dumler	Associate in Gynecology
Beverley C. Compton	Associate in Gynecology
Houston Everett	Associate in Gynecology
J. J. Erwin	Associate in Gynecology
Frank K. Morris	Associate in Gynecology
Ernest I. Cornbrooks, Jr.	Instructor in Gynecology
Everett S. Diggs	Instructor in Gynecology
William K. Diehl	Instructor in Gynecology
Thomas S. Bowyer	Instructor in Gynecology
Ernest S. Edlow	Instructor in Gynecology
W. Allen Deckert	Instructor in Genecology
H. L. Granoff	Assistant in Gynecology
Helen I. Maginnis	Assistant in Gynecology
Roland E. Bieren	Assistant in Gynecology
Charles H. Doeller, Jr.	Assistant in Gynecology
William A. Dodd	Assistant in Gynecology
*John S. Haught	Assistant in Gynecology
Harry McB. Beck	Assistant in Gynecology
Charles B. Marek	Assistant in Gynecology
William C. Duffy	Assistant in Gynecology
Joseph C. Sheehan	Assistant in Gynecology
William J. Rysanek	Assistant in Gynecology
Harry F. Kane	Assistant in Gynecology
Robert B. Tunney	Assistant in Gynecology

Third Year. A course of thirty lectures and recitations is given to the whole class. In addition, a short course of lecture-demonstrations is given at the Baltimore City Hospitals, consisting of eight periods of one hour each, in which small groups of students are instructed in the fundamentals of gynecological diagnosis and examination.

Fourth Year. Operative clinics—lectures and demonstrations—are given six hours per week, for five weeks, to sections of the class.

Instruction in female urology is given. A small number of students may attend the cystoscopic dispensary which is held twice weekly.

The course in gynecology also includes instruction in the diagnosis and treatment of cancer of the generative organs. Small groups of students attend the oncological dispensary for additional work.

Third year	38 hours
Fourth year	74 hours
Total	112 hours

DEPARTMENT OF OPHTHALMOLOGY

Clyde A. Clapp	Professor of Ophthalmology
H. K. Fleck	Clinical Professor of Ophthalmology
Henry F. Graff	Clinical Professor of Ophthalmology
Jonas Friedenwald	Lecturer in Ophthalmic Pathology
Joseph I. Kemler	Associate in Ophthalmology
F. Edwin Knowles, Jr	Associate in Ophthalmology
F. A. Holden	Instructor in Ophthalmology
Milton C. Lang	Instructor in Ophthalmology
A. Kremen	Instructor in Ophthalmology
Jerome Snyder	Assistant in Ophthalmology
Frederick M. Reese	Assistant in Ophthalmology

Third Year. Second semester. Dr. Graff reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, is carried on during the entire session.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, weekly, for one year. Dr. Clapp.

This course consists of lectures upon the diseases of the eye, with particular reference to their diagnosis and relation to general medicine. Special lectures will be given upon vascular changes in the eye and upon the pathology of the eye. Some operations will be demonstrated by motion pictures.

Weekly ward classes are held at the University, The Baltimore Eye, Ear and Throat and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Also daily demonstrations are given in the taking of histories and the diagnosis and treatment of the various conditions as seen in the dispensary. Drs. Kemler, Graff and Knowles.

Third year	20 hours
Fourth year	104 hours
Total	124 hours

DEPARTMENT OF ROENTGENOLOGY

Walter L. Kilby	Professor of Roentgenology
Charles N. Davidson	Associate Professor of Roentgenology
Asa D. Young	Assistant Professor of Roentgenology
Stanley H. Macht	Assistant Professor of Roentgenology
Donald J. Barnett	Assistant in Roentgenology

During the academic year small groups of the fourth year class are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and limitations of Roentgen ray examinations. The history, physics and practical application of Roentgen rays are alluded to but not stressed. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Total hours: 25.

DEPARTMENT OF ANAESTHESIOLOGY

Frederick C. Dye.........................Associate Professor of Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend two hours daily for two weeks observing and administering anaesthetics in the operating suite.

Third year	10 hours
Fourth year	24 hours
Total	34 hours

HISTORY OF MEDICINE

Louis A. M. Krause ....Associate Professor of Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

ART AS APPLIED TO MEDICINE

Carl Dame Clarke ....Associate Professor of Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals.

Special courses of instruction are given to qualified students.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 5, 1946 TO JANUARY 25, 1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology 11-12 lecture *Bressler 2*		Orientation (Sept. 11-25) *Adm. 1*	*Histology and Embryology 11-12 lecture *Bressler 2*		Gross Anatomy
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lectures *A.H.* (1-2) Daily and Laboratories *Bressler 1* (2-5) Daily					

* Course ends January 11, 1947.

SECOND SEMESTER, JANUARY 27 TO JUNE 7, 1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Neuro-Anatomy Laboratory Lecture—11-12 Br. 2	Neuro-Anatomy Laboratory Lecture—11-12 Br. 2
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	
2.00 to 3.00	Neuro-Physiology *Bressler 2*	Neuro-Physiology *Bressler 2*	Biol. Chem. Conference *Adm. 1*	Gross Anatomy *Adm. 1* Feb. 13 to Apr. 10 — Neuro-Anatomy Apr. 17 Laboratory	Biol. Chem. Conference *Adm. 1*	
3.00 to 5.00		Gross Anatomy *Adm. 1* Feb. 11 to Apr. 1	Psychiatry (3-5) *C.H.*		(3-4) First Aid *C. H.* January 31 to April 4	

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, Lombard and Greene Streets.
A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.
Bressler Research Laboratory—29 S. Greene Street.
Gross Anatomy—First Floor.
Histology and Embryology—Second Floor.
Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 20-25, 1947
Final Examinations—June 2-6, 1947

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 5, 1946 TO JANUARY 25, 1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology *Bressler 2*	Physiology *Bressler 2*	Medicine *Bressler 2*	Physiology *Bressler 2*	Physiology *Bressler 2*	Psychiatry (9-11) *Adm. 1*
9.30 to 10.30	Physiology Conference *Bressler 2*	Bacteriology *Adm. 1*	Physiology *Bressler 2*	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis *C. H.*	
12.30	Lunch					
1.00 to 5.00	Pharm. Lect. (1-2) *Bressler 2* Pharmacology *B* Physiology *A*	Laboratory *A* Laboratory *B*		Pharmacology *B* Physiology *A*	Laboratory (1 to 4) *A* Laboratory *B*	

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 27 TO JUNE 7, 1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Surgery *Bressler 2*	Surgery *Bressler 2*	Surgical Anatomy *Bressler 2*	Medical Clinic *Amp.*	Physical Diagnosis *Adm. 1* 7 lectures	
9.30 to 10.30	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	Surgical Anatomy Laboratory *Bressler 1*		Pharmacology *Bressler 2*	
10.30 to 11.30	Pathology *C. H.*	Pathology *C. H.*		Pathology *C. H.*	Pathology *C. H.*	
11.30	Lunch					
12.00 to 2.00.	Pathology Laboratory	Pathology Laboratory	Immunology Laboratory	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy *Adm. 1*	‖Immunology Laboratory		Pharmacology Laboratory *Sect. A*	Pharmacology Laboratory *Sect. B*	
3.00 to 5.00	Surgical Anatomy Laboratory *Bressler 1*		Optional period Pathology Immunology	Physical Diagnosis *Sect. B* (3.00-5.00) *U. H. D.*	Physical Diagnosis *Sect. A* (3.00-5.00) *U. H. D.*	

‖ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First floor, Administration Building, Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.
U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.
Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 20-25, 1947

THIRD YEAR SCHEDULE
SEPTEMBER 5, 1946 TO JUNE 7, 1947

SCHEDULE 1

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 31 to May 19	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Apr. 2 to May 21	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* †Anaesthesiology Mar. 22 to May 24
9.20 to 10.00	Transfer to Baltimore City Hospitals					
10.00 to 12.00	Physical Diagnosis, Pathology, Neurology and Pediatrics at B. C. H.					
12.00 to 1.00	Transfer and Lunch	Transfer and Lunch	Lunch	Transfer and Lunch	Lunch	
1.00 to 2.00	(Whole Class) Otology, Nose & Throat, Urology, Proctology, Plastic Surgery *C. H.*	(Whole Class) *Gynecology †Eye—10 wks. Jan. 28 to Apr. 1 †Oncology —5 wks. Apr. 15 to May 13 *C. H.*	Medical Clinic *B. C. H.*	(Whole Class) Clinical Pathology *Bressler 2*	Obstetrical Clinic *B. C. H.*	
2.00 to 4.00	(Whole Class) Pathology Laboratory *31*		Surgery — Pediatrics *B. C. H.*	(Whole Class) Clinical Pathology — Laboratory *Bressler 5*	Surgery — Pediatrics *B. C. H.*	
4.00 to 5.00	(Whole Class) *Physical Diagnosis, †Psychiatry, †Legal Medicine *C. H.*	(Whole Class) Hygiene and Public Health *C. H.*	Orthopaedics Roentgenology *B. C. H.*		Orthopaedics *B. C. H.*	

* First Semester. † Second Semester.

THIRD YEAR SCHEDULE

SEPTEMBER 5, 1946 TO JUNE 7, 1947

SCHEDULE 2

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 31 to May 19	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Apr. 2 to May 21	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* Anaesthesiology Mar. 22 to May 24
9.20 to 10.20	Pediatrics *C. H.*	*Medicine *C. H.*	*Medicine *C. H.*	*Therapeutics *C. H.*	*Medicine *C. H.*	Neurology *C. H.*
10.30 to 12.30	Operative Surgery—*Bressler 6* Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12.30 to 1.00	Lunch					
1.00 to 2.00	Same as Schedule 1		Medical Clinic *Amp.*	Same as Schedule 1	Psychiatry Dermatology U. H. Disp.	
2.00 to 4.00			Ophthalmoscopy (5 weeks) *B. E. H.* — Obstetrics (5 weeks) Univ. Hosp. Disp. — Otology (5 wks.) *Univ. Hosp. 3-C*			
4.00 to 5.00					Obstetrics *Br. 2*	

* Pediatrics, May 13-23

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

Schedule Assignment

Periods	*Sections and Schedules*
September 5, 1946 to January 25, 1947	A-1, B-2
January 27 to May 24, 1947	B-1, A-2

Locations of Lecture Halls, etc.

A. H.—Anatomical Hall, Upper Hall, N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
Bressler—Bressler Building, 29 S. Greene Street.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
31—31 South Greene Street.
Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 20-25, 1947
Final Examinations—May 26 to June 6, 1947

FOURTH YEAR SCHEDULE

SEPTEMBER 5, 1946 TO JUNE 7, 1947
UNIVERSITY SECTION

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 11.00	Ward Classes — Medicine Surgery Obstetrics *Pediatrics	Ward Classes — Medicine Surgery Gynecology	Ward Classes — Medicine Surgery Obstetrics *Pediatrics	Ward Classes — Medicine Surgery Gynecology	Ward Classes — Medicine Surgery Obstetrics *Pediatrics	Ward Classes — Medicine Surgery Gynecology *Pediatrics
11.00 to 12.00	Clinical Clerkships	Ward Work	Clinical Pathological Conference *Amp.*	Surgical Clinic *Amp.*	Medical Clinic *Amp.*	Pediatric Clinic *Amp.*
12.00 to 2.00	Dispensary, Lunch	Dispensary, Lunch	Dispensary, Lunch	Dispensary, Lunch	Dispensary, Lunch	(12-1) Orthopaedic Clinic *Amp.*
2.15 to 3.15	Dermatology Clinic 1st time Full Class *Amp.* thereafter University Dispensary	Neurology Clinic *Amp.*	Eye and Ear Clinic (Full Class at Univ. Hosp.) *Amp.*	Obstetrical Clinic (Full Class at Univ. Hosp.) *Amp.*	Hygiene and Public Health (Full Class at Univ. Hosp.) *Amp.*	
3.30 to 5.00	Ward Classes See special schedule Medical School bulletin board	Ward Classes	Ward Classes	Ward Classes	Ward Classes	
		Medicine		Therapeutics	Neurology	*Medical Section*
		Proctology	Urology *Amp.*	Nose and Throat	Orthopaedic Surgery (*Kernan Hospital*)	*Surgical Section*
		Oncology (3.30-4.30) *Amp.*	Eye and Ear		Psychiatry *Amp.*	*Special Section*

(*)—Mercy special group, divided attendance at Univ. and Mercy.

University Sections on Medicine and Gynecology report at 8.30.

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

First Semester		*Second Semester*	
1st period	Sept. 5–Oct. 12	1st period	Jan. 27–Mar. 1
2nd period	Oct. 14–Nov. 20	2nd period	Mar. 3–Apr. 5
3rd period	Nov. 21–Jan. 18	3rd period	Apr. 7–May 10

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre—New University Hospital.
Room 34—Second floor, Calvert and Saratoga Streets.

Univ. Section Dispensary schedule posted in Old Hospital Bldg.
Mercy Section Dispensary schedule shown under Mercy Section.

Mid Year Examinations—January 20–25, 1947

Final Examinations—May 12–17, 1947

FOURTH YEAR SCHEDULE

SEPTEMBER 5, 1946 TO JUNE 7, 1947
MERCY SECTION

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9.00 to 10.00	Clinical Clerkships	Surgical Pathology or Chest Surgery Room 34	Clinical Pathological Conference Room 34	Surgical Clinic Room 34	Medical Clinic Room 34	Pediatric Clinic Room 34	
10.00 to 12.00	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	*Medical Section*
	Medical Dispensary Group A	Medical Dispensary Group B	Medical Dispensary Group A	Medical Dispensary Group B	Medical Dispensary Group A	Medical Dispensary Group B	
	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	*Surgical Section*
	*Pediatrics	Gynecology — *Pediatrics	*Pediatrics	Gynecology — *Pediatrics	*Pediatrics	*Pediatrics	*Special Section*
12.00 to 2.00	Lunch, Dispensary	Lunch, Dispensary	Lunch, Dispensary	Lunch, Dispensary	Lunch, Dispensary	(12–1) Orthopaedic Clinic Room 34	
	Neurology	G.I.	Neurology	G.I.	Neurology		Medical A
	Orthopaedic	Dermatology	Orthopaedic	Dermatology	Orthopaedic		Medical B
	G.U.	G.U.	Follow up Surgical Clinic	G.U.	G.U.		Surgical A
	N. & T.	Proctology	N. & T.	Proctology	N. & T.		Surgical B
	Pediatrics (U.H.)		Pediatrics (U.H.)	Pediatrics (U.H.)	Pediatrics (U.H.)		Special A
	Pediatrics (U.H.)		Pediatrics (U.H.)	Pediatrics (U.H.)	Pediatrics (U.H.)		Special B
2.15 to 3.15	Dermatology Clinic 1st time Full Class *Amp.* thereafter University Dispensary	Neurology Clinic Room 34	Eye and Ear Clinic (Full Class at Univ. Hosp.) *Amp.*	Obstetrical Clinic (Full Class at Univ. Hosp.) *Amp.*	Hygiene and Public Health (Full Class at Univ. Hosp.) *Amp.*		
3.30 to 5.00	See Special Schedule	Medicine	G.I.	Medicine	Neurology		Medical Section
		Orthopaedics	N. & T.	Proctology	Roentgenology		Surgical Section
		Pediatrics	Public Health	Pediatrics (U.H.)	Psychiatry (U.H.)		Special Section

* Mercy special group, divided attendence at Univ. and Mercy.
University Sections on Medicine and Gynecology report at 8.30.

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

First Semester		*Second Semester*	
1st period	Sept. 5–Oct. 12	1st period	Jan. 27–Mar. 1
2nd period	Oct. 14–Nov. 20	2nd period	Mar. 3–Apr. 5
3rd period	Nov. 21–Jan. 18	3rd period	Apr. 7–May 10

C.H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre—New University Hospital
Room 34—Second floor, Calvert and Saratoga Streets.

Univ. Section Dispensary schedule posted in Old Hospital Bldg.

Mercy Section—Dispensary schedule at Mercy Hospital shown under Mercy Section, herewith.

Mid-Year Examinations—January 20–25, 1947
Final Examinations—May 12–17, 1947

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, MARCH 22, 1946

Amlicke, Jeanne Dorothy, B.S. . New Jersey
Arnold, Jesse Hoyt, Jr., A.B. . . Maryland
Audet, Charles Henry, Jr. . . . . Connecticut
Audet, Robert Joseph . . . . Connecticut
Bannen, William James, Jr., B.S. Pennsylvania
Bauer, Robert Edward, A.B. . . . Maryland
Benavent, Walter José, B.S. . Puerto Rico
Bonifant, Alfred Dement, B.S. . . Maryland
Brosemer, Lowell Russell, B.S. . California
Brown, Eli Matthew, B.S. . . . . . . Maryland
Brown, Robert Ray . . . . . . West Virginia
Buckner, Louise Paddon, B.S. . . Maryland
Cano, Harold Vernon, B.S. . . . . New Jersey
Carr, William Francis . . . . . . Pennsylvania
Christopher, Thomas West . Massachusetts
Clyman, Sidney Gary, B.S. . . . . Maryland
Codd, Francis Ignatius . . . . Maryland
Cohn, Jerome Elias, A.B. . . . . Maryland
Connor, Thomas Byrne, A.B. . . . Maryland
Cross, Richard Joseph, Jr., B.S. . Maryland
Crouch, Walter Lee . . . . . North Carolina
D'Antonio, Joseph . . . . Maryland
Diaz-Carazo, José, B.S. . . . . Puerto Rico
Driggs, Guy Kenneth . . . . Arizona
Eareckson, Vincent Offley, Jr., B.S. Maryland
Earnhardt, Herman Lee, Jr., A.B. North Carolina
Eavey, James Lee, B.S. . . . . Maryland
Fischer, Joseph Samuel, A.B. . . . Maryland
Frye, Paul Eugene . . . . Maryland
Gaby, Samuel David, A.B. . . . . . . Maryland
Gamble, John Reeves, Jr., A.B. North Carolina
Gentry, William Daniel, Jr. . . . . . Maryland
Gerlach, James Johnson, A.B. . . . Maryland
Goetz, Abraham Aaron, A.B. . . . New York
Gray, Harry William, B.S. . . . . . . Maryland
Greenfield, Duane Leonard, A.B. . Maryland
Hansen, Leland Jay . . . . Utah
Hardin, Henry Carter, Jr., A.B. . . Florida
Harley, John Barker, B.S. . . . . . . Maryland
Hawkins, Charles William . . . . Tennessee
Hefner, Charles Arthur . . . . West Virginia
Hendrickson, Edwin Okey, III . . Maryland
Hill, Harry Edward, B.S. . . . . Maryland
Hunter, J. Poulson, B.S. . . . . Utah
Hyman, Nathan Bernard . . . . Maryland
Jennings, Erwin Reeves, A.B. . . . . Georgia
Kiel, August, Jr. . . . . Maryland
Knapp, Harry Grove Robert North Dakota
Knox, Lawrence Joseph, B.S. . . . . Maryland
Latimer, John Howard . . . . Utah
Levickas, Herbert Joseph, B.S. . . Maryland
Macht, Allan Harris, B.S. . . . . Maryland
Maholick, Leonard Thomas, B.S. District of Columbia
Markley, Raymond Law, Jr., A.B. Pennsylvania
Marshall, Charles Benton, Jr. West Virginia
Massenburg, George Yellott . . . . . . Georgia
Matthews, Otto Stevens . . North Carolina
May, Robert Eugene, A.B. . . . . . . Maryland
McElfatrick, George Charles . . Delaware
McPherson, Thomas Cotesworth . . Georgia
McWilliams, Clarence Emanuel, Jr., A.B. Maryland
Mintzer, Joseph Herman, B.S. . . New York
Mitchell, John Armitage . . . . Maryland
Morrison, John Edward . . . . Maryland
Nataro, Jerome Paul, B.S. . . . . New Jersey
Nichols, Pomeroy, Jr. . . North Carolina
North, Ellsworth Howard, Jr., B.S. Maryland
O'Hare, James Stewart, B.S. . . . . Maryland
Orrison, William Werner, A.B. . . Maryland
Osborne, Horace Henry . . . . Georgia
Owen, Arthur John . . . . Maryland
Park, William Favre . . . . Maryland
Paul, Earl Rupert . . . . Maryland
Peck, Clemmer Marcus, B.S. . West Virginia
Platt, Lois Irene, A.B. . . . . Maryland
Rawlins, John Calvin, B.S. . . . . Delaware
Reisch, Milton, B.S. . . . . Maryland
Reiter, Ralph Alan . . . . Maryland
Riley, Robert Annan, Jr. . . . . Ohio
Roberts, James Alwin, B.S. . . . . . Maryland
Rossberg, Robert Crittenden, B.S. Maryland
Sacks, Sidney, B.S. . . . . Maryland
Sewell, James Anderson . . . . Florida
Shallenberger, Frank Anthony, Jr., B.S. Maryland
Sills, David Nicholson, Jr. . . . . . . Delaware
Smith, Edward Milton, Jr., B.S. . Maryland
Smith, Edward Patrick, Jr. . . . . . Maryland
Stallard, Clinton Wolfe, Jr. . West Virginia
Swindell, Herbert Van Arden, B.S. Maryland
Toby, Leon, A.B. . . . . Maryland
Vaughn, James Anderson, Jr., A.B. . Florida
Weitzman, Elliott Lionel . . . . Maryland
Wentz, Irl Jesse, A.B. . . . . Pennsylvania
Wolfe, Walter McIlhaney, Jr. . . . Maryland
Workman, Joseph Berkeley, A.B. Maryland
Young, Alexander William, Jr., B.S. West Virginia
Young, Richard Atlee, A.B. . . . . . Maryland

HONORS

UNIVERSITY PRIZE GOLD MEDAL

MILTON REISCH

CERTIFICATES OF HONOR

LEON TOBY
JEROME ELIAS COHN
JOSEPH HERMAN MINTZER
SAMUEL DAVID GABY
SIDNEY GARY CLYMAN

INTERNSHIPS—GRADUATES OF MARCH 22, 1946

April 1, 1946–June 30, 1947

Amlicke, Jeanne Dorothy	St. Mary's Hospital, Waterbury, Conn.
Arnold, Jesse Hoyt, Jr.	Columbia Hospital, Milwaukee, Wisconsin
Audet, Charles Henry, Jr.	St. Mary's Hospital, Waterbury, Conn.
Audet, Robert Joseph	St. Mary's Hospital, Waterbury, Conn.
Banner, William James, Jr.	University of Pittsburgh Medical Center, Pittsburgh, Pa.
Bauer, Robert Edward	University Hospital, Baltimore, Md.
Benavent, Walter José	St. Agnes' Hospital, Baltimore, Md.
Bonifant, Alfred Dement	Central Dispensary & Emergency Hospital, Washington, D. C.
Brosemer, Lowell Russell	St. Luke's Hospital, San Francisco, Calif.
Brown, Eli Matthew	Jewish Hospital, Brooklyn, N. Y.
Brown, Robert Ray	Charleston General Hospital, Charleston, West Virginia
Buckner, Louise Paddon	Garfield Memorial Hospital Washington, D. C.
Cano, Harold Vernon	South Baltimore General Hospital, Baltimore, Md.
Carr, William Francis	Bon Secours Hospital, Baltimore, Md
Christopher, Thomas West	Boston City Hospital, Boston, Mass.
Clyman, Sidney Gary	Morrisania City Hospital, New York, N. Y.
Codd, Francis Ignatius	United States Naval Hospital, Philadelphia, Pa.
Cohn, Jerome Elias	Highland-Alameda County Hospital, Oakland, Calif.
Connor, Thomas Byrne	Mercy Hospital, Baltimore, Md.
Crouch, Walter Lee	University Hospital, Baltimore, Md.
Cross, Richard Joseph, Jr.	University Hospital, Baltimore, Md.
D'Antonio, Joseph	Church Home and Hospital, Baltimore, Md.
Diaz-Carazo, José	St. Joseph's Hospital, Baltimore, Md.
Driggs, Guy Kenneth	University Hospital, Baltimore, Md.
Eareckson, Vincent Offley, Jr.	South Baltimore General Hospital, Baltimore, Md.
Earnhardt, Herman L.	Medical College of Virginia, Hospital Division, Richmond, Va.
Eavey, James Lee	University Hospital, Baltimore, Md.
Fischer, Joseph Samuel	University Hospital, Baltimore, Md.
Frye, Paul Eugene	Baroness Erlanger Hospital, Chattanooga, Tenn.
Gaby, Samuel David	Sinai Hospital, Baltimore, Md.
Gamble, John Reeves, Jr.	Charlotte Memorial Hospital, Charlotte, N. C.
Gentry, William Daniel, Jr.	Mercy Hospital, Baltimore, Md.
Gerlach, James Johnson	Mercy Hospital, Baltimore, Md.
Goetz, Abraham Aaron	Jewish Hospital, Brooklyn, N. Y.
Gray, Harry William	Providence Hospital, Washington, D. C.
Greenfield, Duane Leonard	Cook County Hospital, Chicago, Ill.

BANNEN

Hansen, Leland Jay	California Hospital, Los Angeles, Calif.
Hardin, Henry Carter	Methodist Hospital, Brooklyn, N. Y.
Harley, John Barker	University Hospital, Baltimore, Md.
Hawkins, Charles William	University Hospital, Baltimore, Md.
Hefner, Charles Arthur	Youngstown Hospital Association, Youngstown, Ohio
Hendrickson, Edwin Okey, III	Union Memorial Hospital, Baltimore, Md.
Hill, Harry Edward	University Hospital, Baltimore, Md.
Hunter, John Poulson	University Hospitals, Iowa City, Iowa
Hyman, Nathan Bernard	Sinai Hospital, Baltimore, Md.
Jennings, Erwin Reeves	University Hospital, Baltimore, Md.
Kiel, August, Jr.	Mercy Hospital, Baltimore, Md.
Knapp, Harry Grove Robert	Colorado General Hospital, Denver, Colorado
Knox, Lawrence Joseph	Mercy Hospital, Baltimore, Md.
Latimer, John Howard	St. Luke's Hospital, San Francisco, Calif.
Levickas, Herbert Joseph	St. Agnes' Hospital, Baltimore, Md.
Macht, Allan Harris	Sinai Hospital, Baltimore, Md.
Maholick, Leonard Thomas	Emory University Hospital, Emory University, Ga.
Markley, Raymond Law, Jr.	Bon Secours Hospital, Baltimore, Md.
Marshall, Charles B., Jr.	University Hospital, Baltimore, Md.
Massenburg, George Yellott	University Hospital, Baltimore, Md.
Matthews, Otto Stevens	Medical College of Virginia, Hospital Division, Richmond, Va.
May, Robert Eugene	Mercy Hospital, Baltimore, Md.
McElfatrick, George Charles	Church Home and Hospital, Baltimore, Md.
McPherson, Thomas Cotesworth	Johns Hopkins Hospital, Baltimore, Md.
McWilliams, Clarence E., Jr.	Mercy Hospital, Baltimore, Md.
Mintzer, Joseph Herman	Queens General Hospital, Jamaica, Long Island, N. Y.
Mitchell, John Armitage	Maryland General Hospital, Baltimore, Md.
Morrison, John Edward	University Hospital, Baltimore, Md.
Nataro, Jerome Paul	St. Michael's Hospital, Newark, N. J.
Nichols, Pomeroy, Jr.	University Hospital, Baltimore, Md.
North, Ellsworth Howard, Jr.	Johns Hopkins Hospital, Baltimore, Md.
O'Hare, James Stewart	Mercy Hospital, Baltimore, Md.
Orrison, William Werner	Central Dispensary & Emergency Hospital, Washington, D. C.
Osborne, Horace Henry	San Bernardino County Charity Hospital, San Bernardino, Calif.
Owen, Arthur John	St. Joseph's Hospital, Baltimore, Md.
Park, William Favre	United States Naval Hospital, Great Lakes, Ill.
Paul, Earl Rupert	Mercy Hospital, Baltimore, Md.
Peck, Clemmer Marcus	York Hospital, York, Penna.
Platt, Lois Irene	Garfield Memorial Hospital, Washington, D. C.
Rawlins, John Calvin	Central Dispensary & Emergency Hospital, Washington, D. C.
Reisch, Milton	University Hospital, Baltimore, Md.
Reiter, Ralph Alan	United States Naval Hospital, Long Beach, Calif.
Riley, Robert Annan, Jr.	Columbia Hospital, Milwaukee, Wisconsin
Roberts, James Alwin	Mercy Hospital, Baltimore, Md.
Rossberg, Robert Crittenden	University Hospital, Baltimore, Md.
Sacks, Sidney	Jewish Hospital, Brooklyn, N. Y.
Sewell, James Anderson	Baroness Erlanger Hospital, Chattanooga, Tenn.
Shallenberger, Frank A., Jr.	University Hospital, Baltimore, Md.
Sills, David Nicholson, Jr.	Mercy Hospital, Baltimore, Md.
Smith, Edward Milton, Jr.	St. Agnes' Hospital, Baltimore, Md.

Smith, Edward Patrick, Jr.	Mercy Hospital, Baltimore, Md.
Stallard, Clinton Wolfe, Jr.	Collis P. and Howard Huntington Memorial Hospital, Pasadena, Calif.
Swindell, Herbert VanArden	South Baltimore General Hospital, Baltimore, Md.
Toby, Leon	West Baltimore General Hospital, Baltimore, Md.
Vaughn, James Anderson, Jr.	University Hospital, Baltimore, Md.
Weitzman, Elliott Lionel	Sinai Hospital, Baltimore, Md.
Wentz, Irl Jesse	Newark City Hospital, Newark, N. J.
Wolfe, Walter McIlhaney	Hospital for Women of Maryland, Baltimore, Md.
Workman, Joseph Berkeley	University Hospital, Baltimore, Md.
Young, Alexander William, Jr.	Western Pennsylvania Hospital, Pittsburgh, Pa.
Young, Richard Atlee	St. Joseph's Hospital, Baltimore, Md.

MATRICULATES

SENIOR CLASS, JULY 19, 1945 TO MARCH 22, 1946

Amlicke, Jeanne Dorothy, *B.S., University of Maryland, 1943*............New Jersey
Arnold, Jesse Hoyt, Jr., *A.B., University of North Dakota, 1942*..............Maryland
Audet, Charles Henry, Jr., *University of Maryland*......................Connecticut
Audet, Robert Joseph, *University of Maryland*..........................Connecticut
Bannen, William James, Jr., *B.S., Bethany College, 1943*................Pennsylvania
Bauer, Robert Edward, *A.B., The Johns Hopkins University, 1943*.........Maryland
Benavent, Walter José, *B.S., University of Maryland, 1943*..............Puerto Rico
Bonifant, Alfred Dement, *B.S., University of Maryland, 1943*..............Maryland
Brosemer, Lowell Russell, *B.S., University of California, 1942*............California
Brown, Eli Matthew, *B.S., University of Maryland, 1944*..................Maryland
Brown, Robert Ray, *West Virginia University*.......................West Virginia
Buckner, Louise Paddon, *B.S., University of Maryland, 1943*..............Maryland
Cano, Harold Vernon, *B.S., University of Maryland, 1944*..............New Jersey
Carr, William Francis, *Mt. St. Mary's College*.......................Pennsylvania
Christopher, Thomas West, *Brown University*......................Massachusetts
Clyman, Sidney Gary, *B.S., University of Maryland, 1944*..................Maryland
Codd, Francis Ignatius, *University of Maryland, 1944*.....................Maryland
Cohn, Jerome Elias, *A.B., The Johns Hopkins University, 1943*.............Maryland
Connor, Thomas Byrne, *A.B., Loyola College, 1943*.......................Maryland
Cross, Richard Joseph, Jr., *B.S., Mt. St. Mary's College, 1943*..............Maryland
Crouch, Walter Lee, *University of North Carolina; University of North Carolina School of Medicine, March 1943–September 1944*................North Carolina
D'Antonio, Joseph, *Maryville College*...............................Maryland
Diaz-Carazo, José, *B.S., Mt. St. Mary's College, 1942*..................Puerto Rico
Driggs, Guy Kenneth, *University of Arizona*...........................Arizona
Eareckson, Vincent Offley, Jr., *B.S., University of Maryland, 1944*........Maryland
Earnhardt, Herman Lee, Jr., *A.B., Duke University, 1943; University of North Carolina School of Medicine, March 1943–September 1944*.........North Carolina
Eavey, James Lee, *B.S., Franklin and Marshall College, 1943*................Maryland
Fischer, Joseph Samuel, *A.B., The Johns Hopkins University, 1943*..........Maryland
[1]Fisher, George William, *B.S., Franklin and Marshall College, 1943*........Maryland
Frye, Paul Eugene, *University of Maryland*............................Maryland
Gaby, Samuel David, *A.B., The Johns Hopkins University, 1943*.............Maryland
Gamble, John Reeves, Jr., *A.B., Emory University, 1943*...........North Carolina
Gentry, William Daniel, Jr., *University of Maryland*.....................Maryland
Gerlach, James Johnson, *A.B., Colorado College, 1943*....................Maryland
Goetz, Abraham Aaron, *A.B., The Johns Hopkins University, 1944*..........New York
Gray, Harry William, *B.S., University of Maryland, 1944*..................Maryland
Greenfield, Duane Leonard, *A.B., Sioux Falls College, 1939; M.A., Columbia University, 1940*..Maryland
Hansen, Leland Jay, *Utah State Agricultural College*.........................Utah
Hardin, Henry Carter, Jr., *A.B., Emory University, 1943*...................Florida
Harley, John Barker, *B.S., Dickinson College, 1943*......................Maryland
Hawkins, Charles William, *University of Chattanooga*...................Tennessee
Hefner, Charles Arthur, *West Virginia University*.................West Virginia
Hendrickson, Edwin Okey, III, *The Johns Hopkins University*.............Maryland
Hill, Harry Edward, *B.S., University of Maryland, 1942*..................Maryland
Hunter, J. Poulson, *B.S., University of Utah, 1943*...........................Utah
Hyman, Nathan Bernard, *The Johns Hopkins University*...................Maryland
Jennings, Erwin Reeves, *A.B., Emory University, 1943*....................Georgia
Kiel, August, Jr. *University of Maryland*..............................Maryland
Knapp, Harry Grove Robert, *Colorado College*....................North Dakota
Knox, Lawrence Joseph, *B.S., University of Maryland, 1944*...............Maryland
Latimer, John Howard, *University of Utah*................................Utah
Levickas, Herbert Joseph, *B.S., University of Maryland, 1944*.............Maryland
Macht, Allan Harris, *B.S., University of Maryland, 1944*..................Maryland
Maholick, Leonard Thomas, *B.S., University of Maryland, 1944*...District of Columbia
Markley, Raymond Law, Jr., *A.B., Gettysburg College, 1943*.........Pennsylvania

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[1] Did not complete the year.

Marshall, Charles Benton, Jr., *Ohio University*	West Virginia
Massenburg, George Yellott, *Duke University*	Georgia
Matthews, Otto Stevens, *University of North Carolina; University of North Carolina School of Medicine, March 1943–September 1944*	North Carolina
May, Robert Eugene, *A.B., Loyola College, 1942*	Maryland
McElfatrick, George Charles, *Dartmouth College*	Delaware
McPherson, Thomas Cotesworth, *Emory University*	Georgia
McWilliams, Clarence Emanuel, Jr., *A.B., Western Maryland College, 1943*	Maryland
Mintzer, Joseph Herman, *B.S., University of Maryland, 1943*	New York
Mitchell, John Armitage, *Gettysburg College*	Maryland
Morrison, John Edward, *The Johns Hopkins University*	Maryland
Nataro, Jerome Paul, *B.S., Seton Hall College, 1942*	New Jersey
Nichols, Pomeroy, Jr., *Emory University*	North Carolina
North, Ellsworth Howard, Jr., *B.S., University of Maryland, 1944*	Maryland
O'Hare, James Stewart, *B.S., Loyola College, 1943*	Maryland
Orrison, William Werner, *A.B., Western Maryland College, 1943*	Maryland
Osborne, Horace Henry, *University of Georgia*	Georgia
[2]Owen, Arthur John, *A.B., Loyola College, 1942*	Maryland
Park, William Favre, *University of Maryland*	Maryland
Paul, Earl Rupert, *University of Virginia*	Maryland
Peck, Clemmer Marcus, *B.S., Hampden-Sydney College, 1942*	West Virginia
Platt, Lois Irene, *A.B., Goucher College, 1931*	Maryland
Rawlins, John Calvin, *B.S., Western Maryland College, 1943*	Delaware
Reisch, Milton, *B.S., University of Maryland, 1944*	Maryland
Reiter, Ralph Alan, *Bridgewater College*	Maryland
Riley, Robert Annan, Jr., *Emory University*	Ohio
Roberts, James Alwin, *B.S., University of Maryland, 1944*	Maryland
Rossberg, Robert Crittenden, *B.S., University of Maryland, 1944*	Maryland
Sacks, Sidney, *B.S., University of Maryland, 1944*	Maryland
Sewell, James Anderson, *Emory University*	Florida
Shallenberger, Frank Anthony, Jr., *Loyola College*	Maryland
Sills, David Nicholson, Jr., *University of Maryland*	Delaware
Smith, Edward Milton, Jr., *B.S., University of Maryland, 1944*	Maryland
Smith, Edward Patrick, Jr., *University of Maryland*	Maryland
Stallard, Clinton Wolfe, Jr., *West Virginia Institute of Technology*	West Virginia
Swindell, Herbert Van Arden, *B.S., University of Maryland, 1944*	Maryland
Toby, Leon, *A.B., The Johns Hopkins University, 1943*	Maryland
Vaughn, James Anderson, Jr., *A.B., Emory University, 1943*	Florida
Weitzman, Elliott Lionel, *The Johns Hopkins University*	Maryland
Wentz, Irl Jesse, *A.B., Western Maryland College, 1942*	Pennsylvania
Wolfe, Walter McIlhaney, Jr., *Virginia Military Institute*	Maryland
Workman, Joseph Berkeley, *A.B., Western Maryland College, 1943*	Maryland
Young, Alexander William, Jr., *B.S., University of Maryland, 1944*	West Virginia
Young, Richard Atlee, *A.B., Gettysburg College, 1943*	Maryland

JUNIOR CLASS, JULY 19, 1945 TO MARCH 22, 1946

Abell, Harry Davis, *The Johns Hopkins University*	Kentucky
Allen, Gladys Martha, *B.S., University of Maryland, 1943*	Maryland
Anthony, James Elmer, Jr., *B.S., Washington College, 1944*	Maryland
Beatty, John Orville, *University of Nevada*	Nevada
Benson, John Fisher, *University of Maryland*	Maryland
Berggreen, Raymond George, *A.B., Carlton College, 1943*	Minnesota
[1]Berry, Richard Waitman, *A.B., West Virginia University, 1943; West Virginia University School of Medicine, January 1944–June 1945*	West Virginia
Bindeman, William Wylie, *B.S., Wheaton College, 1944*	North Carolina
Blair, James Seaborn, Jr., *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*	North Carolina
Blevins, Joseph Wendell, *B.S., Geneva College, 1943*	Pennsylvania

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[1] Did not complete the year.

[2] Entered second semester November 12, 1945.

Bunch, Littleton Jay, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*....................North Carolina
Bunn, David Glenn, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*..................North Carolina
Carouge, Gilbert Morris, *University of Maryland*........................Maryland
Chase, Henry Vincent, *Ph.B., Loyola College, 1943*........................Maryland
Coffey, Michael Joseph, *University of Notre Dame*....................New Jersey
Cohen, Bernard Stanley, *University of Maryland*........................Maryland
Cohen, Irvin, *A.B., The Johns Hopkins University, 1944*....................Maryland
Cooper, Harry Douglas, *B.S., Washington College, 1941*....................Maryland
Cooper, William Benjamin, Jr., *University of Maryland*....................Maryland
Corzine, William Jenkins, Jr., *The Citadel*........................North Carolina
Coultas, Elizabeth Louise, *A.B., Goucher College, 1944*...............New Jersey
Cushner, Irvin Morris, *University of Maryland*............................Maryland
Dentry, Elizabeth Anne Gordon, *A.B., Notre Dame College, 1943*.........Maryland
Dorman, Parker Sturgis, *A.B., Amherst College, 1943*......District of Columbia
Duvall, Robert Caywood, Jr., *University of Maryland*......................Maryland
Eppes, Williford, *University of Maryland*................................Maryland
Evans, John Ebenezer, Jr., *B.S., Davidson College, 1943*............North Carolina
Faraino, Frank Anthony, *B.S., Loyola College, 1943*......................Maryland
Fink, Joel Charles, *University of Alabama; Medical College of Alabama, December 1943–May 1945*..Alabama
Fisher, Donald Ernst, *University of Maryland*............................Maryland
Fitzgerald, Robert Greeson, Jr., *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*.....North Carolina
Forrer, Gordon Randolph, *University of Maryland*........................Maryland
Friedman, Asher Authur, *A.B., The Johns Hopkins University, 1943*........Virginia
Gakenheimer, William Alfred, *The Johns Hopkins University*..............Maryland
Gardner, Robert Kline, *University of Maryland*............................Maryland
Geddes, David Kofoid, *University of California*........................California
Gerlach, Jane Knowles, *A.B., Colorado College, 1943*......................Maryland
Gillson, Edward Michael, *A.B., St. Peter's College, 1943*..............New Jersey
Gold, Benjamin Miller, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*..................North Carolina
Grau, Edward Gordon, *B.S., Loyola College, 1943*..........................Maryland
Grossman, Louis Ward, *Westminster College*..........................Pennsylvania
Haase, Frederick Robert, *University of Maryland*..........................Maryland
Hahn, Robert Roland, *University of Maryland*..............................Maryland
Hall, Howard Essex, *Western Maryland College*............................Maryland
Hearne, Calvin Beck, *College of Wooster*....................................Ohio
Hightower, John Allen, *Emory University, University of North Carolina School of Medicine, December 1943–June 1945*................................Florida
Hogan, John Francis, Jr., *Loyola College*..................................Maryland
Hooks, Richard Eugene, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*..................North Carolina
Houghton, James Francis, *Dartmouth College*....................New Jersey
Hunter, Robert Carl, *University of Maryland*..............................Maryland
Imbrie, David Ellwood, *A.B., Washington and Jefferson College*........Pennsylvania
Jernigan, Lane McDermott, *University of Maryland*........................Maryland
Judd, Allyn Francis, *A.B., Tufts College, 1944*..................Massachusetts
Leung, Bernard, *University of Maryland*................................New York
Levin, Norman, *University of Maryland*....................................Maryland
LiPira, Joseph Francis, *University of Maryland*............................Maryland
Machata, Francis Karl, *Ph.B., Loyola College, 1943*....................New York
Mannino, Peter Paul, *Western Maryland College*............................Maryland
Mansberger, Arlie Roland, Jr., *Western Maryland College*........West Virginia
Mattern, Carl Frederick Theodore, *The Johns Hopkins University*........Maryland
Mitchell, Wallace Herttell, *B.S., University of Florida, 1943*............Florida
Morrow, John Gordon, Jr., *Emory University*..........................Georgia
Nachlas, Nathan Edward, *University of Maryland*..........................Maryland
Pertz, Elden Hobart, *West Virginia Wesleyan College*................West Virginia
Phillips, David Lee, *A.B., The Johns Hopkins University, 1943*.............Maryland
Piggott, John Burr, Jr., *B.S., Virginia Military Institute, 1943*..District of Columbia

Post, William Reyman, *University of Mississippi*....Mississippi
Powell, Jack Hanson, Jr., *A.B., Emory University, 1943*....Georgia
Rasch, George Chesley, Jr., *University of Maryland*....Maryland
Ribet, James Ernest, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*....North Carolina
Rogers, Joseph Megeath, *University of Maryland*....Virginia
Rosser, John Hays, *B.S., Wheaton College, 1943*....Maryland
Sachs, Sidney Herman, *University of Maryland*....Maryland
Salvati, Eugene Philip, A.B., *West Virginia University, 1944; West Virginia University School of Medicine, January 1944–June 1945*....West Virginia
Schapiro, Joseph Solomon, *The Johns Hopkins University*....Maryland
Schnitzker, William Frederic, *Transylvania College*....Maryland
Scott, Harry Baty, *University of Virginia*....Virginia
Senning, Frederick Stephen, *University of Maryland*....Maryland
Shaw, John Hill, *B.S., Hampden-Sydney College, 1943*....Virginia
Shear, Joseph, *University of Maryland*....Maryland
Shulman, Melvin, *The Johns Hopkins University*....Maryland
Silber, Earle, *The Johns Hopkins University*....Maryland
Smith, John Richard, Jr., *B.S., Washington College, 1943*....Maryland
Spino, Pascal Daniel, *Bethany College*....Pennsylvania
Stenstrom, William Harold, *B.S., College of Puget Sound, 1943*....Washington
Sussman, Harold, *A.B., The Johns Hopkins University, 1943*....Maryland
Swink, Robert Landrum, *Emory University*....Florida
Trench, James McKechan, *Bethany College*....Pennsylvania
Valderas, José Gervasio, *University of Puerto Rico*....Puerto Rico
Venable, Sidney Johnson, Jr., *B.S., Hampden-Sydney College, 1943*....Maryland
Waltz, Robert Claude, *B.S., Washington & Jefferson College, 1943*....Ohio
White, John Phillips, III, *The Johns Hopkins University*....Maryland
Williams, James Delbert, *Texas Technological College*....California
Williams, Johnny Elbert, *Texas Technological College*....California
Winokur, George, *The Johns Hopkins University*....Maryland
[1]Young, John Paul, *The Johns Hopkins University*....Maryland

SOPHOMORE CLASS, JULY 19, 1945 TO MARCH 22, 1946

Alecce, Angelo Andrew, *B.S., Loyola College, 1945*....Maryland
Allison, George Malcolm, *Marquette University*....Illinois
Aponte, Joseph Louis, *University of Puerto Rico*....Puerto Rico
Auld, David, *Swarthmore College*....Maryland
Baker, Frank William, Jr., *University of Chicago*....Maryland
[1]Beckett, Robert Lea, *University of Maryland*....Maryland
Beyer, David Henry, *Cornell University*....Minnesota
Bisanar, James Milton, *Davidson College*....North Carolina
Bond, Donald Buckey, *A.B., Western Maryland College, 1938*....Maryland
Bronstein, Eugene Leonard, *Emory University*....New York
[2]Brown, John Ronald, *University of New Hampshire*....Utah
Buchness, John Michael, *A.B., Loyola College, 1944*....Maryland
Bullock, John Boyd, *University of Richmond*....Virginia
Bulluck, Matt Heyer, *Guilford College*....North Carolina
Chaimovitz, Robert, *Bethany College*....Pennsylvania
Chelton, Alice Katherine Graybill, *University of Chicago*....West Virginia
Condron, James Frank, *Muhlenberg College*....Pennsylvania
Crecraft, Harold James, *A.B., Taylor University, 1944*....Pennsylvania
Dalton, James Breckenridge, Jr., *University of Richmond*....Virginia
Dempsey, Raymond Joseph, *B.S., University of Notre Dame, 1944*....Illinois
[1]Dodds, Robert Arthur, *Franklin and Marshall College*....Pennsylvania
[1]Dunn, Charles Gilbert, *Ph.B., Loyola College, 1944*....Maryland
Dwyer, Frank Philip, Jr., *Mt. St. Mary's College*....Pennsylvania
Ensor, Robert Ellwood, *Western Maryland College*....Maryland
Fravel, Charles Richard, *Cornell University*....Virginia

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[1] Did not complete the year.

[2] Withdrew after satisfactory completion of year.

Golombek, Leonard Harry, *University of Maryland*........Maryland
Grant, Bowie Linn, *Potomac State School of West Virginia*........Maryland
Green, James William, *Western Maryland College*........Maryland
Hamrick, George Vincent, *Washington University*........Maryland
Hankins, John Roland, *University of Virginia*........Virginia
Heldrich, Frederick Joseph, Jr., *Yale University*........Maryland
Hobart, Richard Loren, Jr., *Washington and Lee University*....District of Columbia
Holloway, William Jackson, *Western Maryland College*........Maryland
Insley, Marion Clarence, Jr., *University of Maryland*........Maryland
[1]Kalafat, John George, *Bethany College*........West Virginia
Kastner, Lee Norman, *University of Pennsylvania*........Maryland
Kaufman, Raymond Henry, *University of North Carolina*........New York
Kemp, Katherine Virdin, *A.B., College of Notre Dame, 1943*........Maryland
Kennedy, Carl Hubert, Jr., *University of Virginia*........Pennsylvania
Koch, Lillian Dorothy, *B.S., University of Maryland, 1944*........Maryland
Kunst, Florence Elizabeth, *A.B., West Virginia University, 1944*....West Virginia
[1]Leary, John Sylvester, Jr., *The Citadel*........South Carolina
Leograndis, Stephen C., *Duke University*........Massachusetts
Lithgow, Charles Henry, *Loyola College*........Maryland
Mack, Harry Patterson, *Washington University*........New York
Mallis, Nicholas, *Cornell University*........Maryland
Matthews, Burton Vincent, *A.B., The Johns Hopkins University, 1943; Cornell University*........Maryland
McCauley, Betty Jane, *B.S., University of Maryland, 1943*........Maryland
McCrumb, Fred Rodgers, Jr., *Loyola College*........Maryland
Mohler, Donald Ignatius, Jr., *Loyola College*........Maryland
Newell, Edward Alphonso, *Western Maryland College*........Maryland
Niswander, Guy Donald, *University of Michigan*........West Virginia
[1]O'Dea, Daniel Patrick, *Bucknell University*........Pennsylvania
Padussis, Stephen Konstant, *University of Maryland*........Maryland
Petersen, Phyllis Ann, *A.B., University of Michigan, 1943*........Maryland
Platt, Julian Jay, *Loyola College*........Maryland
Powell, Albert Milton, Jr., *University of North Carolina*........Maryland
[2]Raskin, Herbert Alfred, *A.B., University of Michigan, 1940; M.S.P.H., 1941; American University*........Michigan
Rhyne, Jimmie Lee, *University of North Carolina*........North Carolina
Rodriguez, Edsel Antonio, *College of the Holy Cross*........Puerto Rico
Rudolph, Robert Lee, *Ohio University*........Ohio
Scherr, Merle Sundrell, *West Virginia University*........West Virginia
Schwartz, Benson Charles, *University of Maryland*........Maryland
Shell, John Robert, *University of Richmond*........Virginia
Silverman, Benjamin K., *The Johns Hopkins University*........Maryland
Silverstein, Daniel Lewis, *Loyola College*........Maryland
Siwinski, Thaddeus Charles, *A.B., Loyola College, 1944*........Maryland
Smelser, Rennert Marquette, *University of Maryland*........Maryland
Snyder, William Allen, *The Johns Hopkins University*........Maryland
Stahl, Robert Ray, *University of New Hampshire*........Pennsylvania
[1]Starkey, Nell, *University of Maryland*........Georgia
[1]Startzman, Henry Hollingsworth, Jr., *Loyola College*........Maryland
Swisher, Kyle Young, Jr., *Bethany College*........West Virginia
Tarr, Norman, *Washington College*........Maryland
Theuerkauf, Frank Joseph, Jr., *Villa Maria College*........Pennsylvania
Thomas, Clyde Dana, Jr., *Bethany College*........West Virginia
Thuss, William Getz, Jr., *Emory University*........Alabama
Walters, Hezekiah G., Jr., *University of North Carolina*........North Carolina
Ware, Charles Ingersoll, *Wake Forest College*........New Jersey
Waterman, Roger Sherman, *Bethany College*........Pennsylvania
Whitehorn, Clark Allan, *The Johns Hopkins University*........Michigan
Wilson, John Dean, *Bethany College*........Pennsylvania
Womack, William Spengler, *Emory and Henry College*........Virginia

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[1] Did not complete the year.

[2] Withdrew after satisfactory completion of year.

FRESHMAN CLASS, SEPTEMBER 20, 1945 TO MAY 25, 1946

Abraham, Robert Auman, *B.S., Franklin and Marshall College, 1945*	Pennsylvania
Bachman, Leonard, *B.S., Franklin and Marshall College, 1946*	Maryland
Barlow, Lundie Weathers, Jr., *University of Minnesota*	Virginia
Barnard, John William, *B.S., Milligan College, 1937*	Maryland
Belkin, Joseph William, *College of The Holy Cross*	Connecticut
Benjamin, William Philip, *A.B., Brooklyn College, 1943*	New York
Blundell, Albert Edward, *Temple University*	Utah
Cline, James Alexander, III, *University of Pennsylvania*	Nebraska
Collings, Harold, Jr., *The Johns Hopkins University*	Indiana
Deringer, Florence Hurtt, *B.S., Washington College, 1945*	Maryland
Ensor, Wilmer Clifton, Jr., *B.S., Loyola College, 1945*	Maryland
Eubanks, Otha Albert, Jr., *Duke University*	North Carolina
Forman, Robert Blaine, *University of Oregon*	Oregon
Gill, Joseph Edward, *Union College*	Pennsylvania
Goldstein, Arthur Jay, *Bethany College*	New York
Gorten, Martin Klaus, *A.B., Western Maryland College, 1943*	New Jersey
Gray, Harry Williams, *Duke University*	Maryland
Harris, James Radcliffe, *Temple University*	Pennsylvania
Henderson, Charles Thomas, *The Johns Hopkins University*	Illinois
Humphreys, Charles Wesley, Jr., *Duke University*	District of Columbia
Knabe, George William, Jr., *The Johns Hopkins University*	Michigan
Krieger, John Louis, *A.B., St. Louis University, 1943*	Missouri
Lewis, Thomas Earl, *Pennsylvania State College*	Pennsylvania
Lock, Burton Vernon, *The Johns Hopkins University*	Maryland
London, Nathaniel Jacob, *The Johns Hopkins University*	Maryland
Longley, George Henry, *University of Minnesota*	Maryland
[1]Longley, Robert William, *B.S., Loyola College, 1945*	Maryland
[1]Ludlam, Richard Fairfax, *University of Richmond*	Virginia
Lukens, James Thomas, *Vanderbilt University*	Pennsylvania
Malcarney, Alberta Rose, *A.B., University of Southern California, 1944*	California
Mattax, Harry McCoy, *Western Maryland College*	Maryland
May, Homer Woodrow, *B.S., University of Pittsburgh, 1944*	Pennsylvania
McCord, Charles Frederic, *Pennsylvania State College*	Indiana
Medairy, Mary Veronica, *A.B., College of Notre Dame of Maryland, 1943*	Maryland
Metcalf, John Shelby, Jr., *University of California*	California
Middleton, Edmund Bishop, *The Johns Hopkins University*	Rhode Island
Miller, Max Jay, *University of Richmond*	Maryland
[1]Morgan, John Acree, *Emory University*	Georgia
Moyer, John Lewis, III, *University of Minnesota*	Pennsylvania
Neal, Hunter Shainline, *Vanderbilt University*	Pennsylvania
Neumayer, Francis, *University of Maryland*	Pennsylvania
Newell, Josephine Evelyn, *University of the State of South Carolina*	North Carolina
Nicklas, Gilbert Lee, *B.S., Franklin and Marshall College, 1946*	Maryland
Panzarella, John Henry, *Fordham University*	New York
Parelhoff, Merrill Elliott, *University of Maryland*	Maryland
[1]Phillips, Robert Francis, *A.B., University of Michigan, 1942*	Michigan
[1]Porter, Harry, *Temple University*	Pennsylvania
Raskin, Howard Frank, *The Johns Hopkins University*	Maryland
Riddel, Clifford Thurston, Jr., *A.B., Bridgewater College, 1933*	Virginia
Roehrig, Charles Burns, *Vanderbilt University*	Massachusetts
[1]Rogers, Ralph Peel, Jr., *Duke University*	North Carolina
Sarewitz, Albert Bernard, *University of Pennsylvania*	New Jersey
[1]Schalk, Walter Elmer, *University of Chicago*	Illinois
Scher, Jordan, Mayer, *A.B., Wesleyan University, 1946*	Maryland
Schmale, Arthur Henry, Jr., *Pennsylvania State College*	Nebraska
Schnaper, Nathan, *B.S., Washington College, 1940*	Maryland
Schorr, Rashi, *B.S., University of Miami, Florida, 1944*	Florida
Schreiber, Richard David, *Bethany College*	Illinois
Sherrard, Margaret Lee, *A.B., Seton Hill College, 1945*	West Virginia
[1]Smith, Charles Elliott, *University of Maryland*	Georgia
Smith, Meredith Parks, *St. Lawrence University*	Minnesota

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[1] Did not complete the year.

SNIDER, KENNETH BRUCE, *University of Maryland*	Texas
[3]SOSNOWSKI, ANDREW RAYMOND, JR., *B.S., Loyola College, 1945*	Maryland
[1]SOWERS, EDWARD FRANCIS, *A.B., West Virginia University, 1941*	West Virginia
[1]SPANGENBERG, HARRY ALAN, JR., *University of Scranton*	Pennsylvania
SPITTELL, JOHN ALLEN, JR., *B.S., Franklin and Marshall College, 1944*	Maryland
STAHLER, EARLIN JOHN, *University of Maryland*	Pennsylvania
STANFIELD, ELWIN EUGENE, *University of Pennsylvania*	California
STECKLER, ROBERT JOSEPH, *A.B., Evansville College, 1943*	Indiana
[2]STEIN, ELIZABETH JANE, *A.B., University of Delaware, 1944*	Delaware
STEVENSON, EDWARD WARD, *Duke University*	Virginia
STRAHAN, JOHN FRANKLIN, *Duke University*	Maryland
TILLEY, RUSSELL MCFARLANF, JR., *University of Rochester*	New York
TIMANUS, JAMES KYNER, *Oberlin College*	Ohio
TRAMER, ARNOLD, *University of Maryland*	Maryland
TRETTIN, GENE DOUGLAS, *Ursinus College, 1946*	Maryland
WARNOCK, ROBERT GEORGE, *Bates College*	Ohio
WATSON, FRANK YANDLE, *Duke University*	North Carolina
WELCH, ELBERT SYLVESTER, *Duke University*	Alabama
[3]WHEELFR, ROBERT LELAND, *A.B., Stanford University, 1944*	California
[1]WILLIAMS, WILLIAM AUGUSTUS, JR., *Mercer University*	Georgia
WOLFE, CAROLYN DEWITT, *A.B., Hollins College, 1945*	New Jersey

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[1] Did not complete the year.

[2] Withdrew after completing the year.

[3] Withdrew in good standing; did not complete the year.

STUDENTS IN ART AS APPLIED TO MEDICINE

FELIX BENEDICT WEINBERG	*Maryland*

SUMMARY OF STUDENTS

July 19, 1945 to May 25, 1946

Medical Students	*Male*	*Female*	*Total*
Senior Class	95	3	98
Junior Class	92	4	96
Sophomore Class	76	7	83
Freshman Class	74	8	82
	337	22	359
Withdrawals	25	2	27
	312	20	332
Student of Art	1	0	1
	313	20	333

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

July 19, 1945 to May 25, 1946

Alabama	2
Arizona	1
California	8
Connecticut	3
Delaware	4
District of Columbia	5
Florida	7
Georgia	10
Illinois	5
Indiana	3
Kentucky	2
Maryland	175
Massachusetts	4
Michigan	11
Minnesota	2
Mississippi	1
Missouri	1
Nebraska	2
Nevada	1
New Jersey	8
New York	6
North Carolina	13
North Dakota	1
Ohio	5
Oregon	1

Pennsylvania	21
Rhode Island	1
South Carolina	1
Tennessee	1
Texas	1
Utah	4
Virginia	12
Washington	1
West Virginia	18

FOREIGN

Puerto Rico	5

LIST OF COLLEGE SOURCES OF STUDENTS ENROLLED

July 19, 1945 to May 25, 1946

Alabama, University of	2
American University	1
Amherst College	1
Arizona, University of	1
Bates College	1
Bethany College	11
Bridgewater College	2
Brooklyn College	1
Brown University	2
Bucknell University	1
California, University of	4
Carleton College	1
Chattanooga, University of	1
Chicago, University of	12
Citadel, The	2
Colorado College	3
Columbia University	2
Cornell University	4
Dartmouth College	2
Davidson College	2
Delaware, University of	1
Dickinson College	1
Duke University	12
Emory University	15
Emory and Henry College	1
Evansville College	1
Florida, University of	1
Fordham University	1
Franklin & Marshall College	9
Geneva College	1
Georgia, University of	1
Gettysburg College	5
Goucher College	1
Guilford College	1
Hampden-Sydney College	3
Hollins College	2
Holy Cross, College of The	3
Johns Hopkins University, The	38
Kemper Jr. Military School	1
Loyola College	28
Marquette University	1
Maryland, University of	73
Maryville College	1
Mercer University	1
Miami, University of (Florida)	1
Michigan, University of	4
Milligan College	1
Minnesota, University of	3
Mississippi, University of	1
Mt. St. Mary's College	4
Muhlenberg College	1
Nevada, University of	1
New Hampshire, University of	2
New Mexico, University of	1
North Carolina, University of	14
North Dakota, University of	1
Norwich University	1
Notre Dame of Maryland, College of	1
Notre Dame, University of	3
Oberlin College	2
Ohio University	1
Oregon, University of	1
Pennsylvania State College	3
Pennsylvania, University of	4
Pittsburgh, University of	1
Potomac State School, W. Va.	1
Puerto Rico, University of	1
Puget Sound, College of	1
Richmond, University of	5
Rochester, University of	1
St. Lawrence University	1
St. Louis University	1
St. Peter's College	1
Scranton, University of	1
Seton Hall College	1
Sieton Hill College	1
Soux Falls College	1
Southern California, University of	1
South Carolina, University of State of	2
Stanford University	1
Swarthmore College	1
Taylor University	1
Temple University	3
Texas Technological College	2
Transylvania College	1
Trinity College	2
Tufts College	1
Union College	1
Ursinus College	1
Utah, University of	2
Utah State Agricultural College	1
Vanderbilt University	3
Villa Maria College	1
Virginia Military Institute	2
Virginia, University of	4
Wake Forest College	1
Washington College	8
Washington University	1
Washington & Jefferson College	3
Washington and Lee University	1
Wesleyan University	1
Western Maryland College	20
Westminster College	1
West Virginia Institute of Technology	1
West Virginia University	10
West Virginia Wesleyan College	1
William & Mary, College of	1
Williams College	1
Wisconsin, University of	1
Wooster, College of	1
Yale University	1

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(Term beginning July 1, 1945 and ending June 30, 1946)

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(Here state amount or describe property)

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I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine...

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University of Maryland, coming under the same government. It is a non-sectarian school, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 435 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing.

Programs Offered: The programs of study of the school are planned for two groups of students: (a) the five-year group, (b) the 36-month group.

The requirements for admission to the five-year program of the School of Nursing are the same as for other colleges of the University. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and to the diploma of the University Hospital School of Nursing.

The requirements for admission to the 36-month program are the satisfactory completion of an academic course in an approved high school. The completion of this course entitles the student to the diploma of the University of Maryland School of Nursing.

Applications and catalogues may be obtained from the Director of the School of Nursing, University Hospital, Baltimore 1, Md.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated on December 23, 1901. It is an integral part of the Mercy Hospital and is under the same government. Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and affiliated sciences.

The University of Maryland, in affiliation with the Mercy Hospital School of Nursing, offers a five year combined Academic and Nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland, and to the diploma of the Mercy Hospital School of Nursing. Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching institutions. This program consequently offers a distinct advantage.

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The Frank C. Bressler Research Laboratory

University Hospital

VOLUME 32 NUMBER 2

BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

SEPTEMBER, 1947

1807-1856-1920

CATALOGUE NUMBER

PUBLISHED FIVE TIMES A YEAR
(JANUARY, APRIL, JULY, SEPTEMBER AND OCTOBER)

Lombard and Greene Streets
Baltimore 1, Md.

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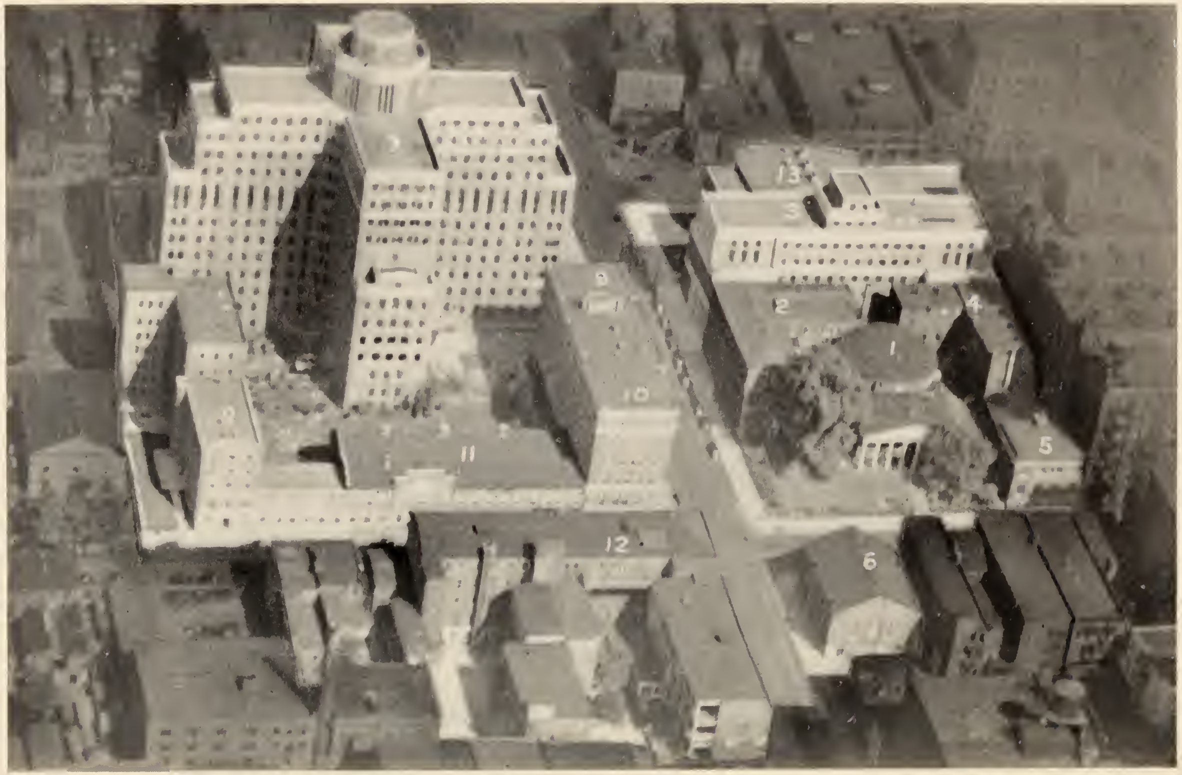

Baltimore Schools—University of Maryland

1. Original Medical Building
2. Laboratory Building, Medicine
3. Bressler Building, Medicine
4. Gray Laboratory, Student's Lounge, Medicine
5. Administration Building, College of Education, Baltimore Division
6. Medical Library
7. University Hospital
8. Nurses' Home, Medicine
9. School of Pharmacy
10. School of Dentistry
11. Dental Clinic
12. Out-Patient Clinics, Medicine
13. School of Law

BULLETIN

OF THE

SCHOOL *of* MEDICINE

UNIVERSITY OF MARYLAND

SEPTEMBER, 1947

1807-1856-1920

Announcements for

The One Hundred Forty-Second Academic Session
1947–1948

Catalogue of

The One Hundred Forty-first Academic Session
1946–1947

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CALENDAR

Academic Year—September 18, 1947 to June 5, 1948

1947		
September 10, 11, 12		Re-examinations for advancement

FIRST SEMESTER—September 18, 1947 to January 24, 1948

September 16	Tuesday	*Registration, payment of fees, freshmen and sophomores
September 17	Wednesday	*Registration and payment of fees by all other students
September 18	Thursday	Instruction begins at 8:30 A.M.
November 26	Wednesday	Instruction suspended at 5:00 P.M. Thanksgiving Holidays
December 1	Monday	Instruction resumed
December 20	Saturday	Instruction suspended at 2:00 P.M. Christmas Holidays
1948		
January 5	Monday	Instruction resumed
January 19	Monday	Midyear examinations, all classes
to		*Payment of fees for second semester
January 24	Saturday	First semester completed 2:00 P.M.

SECOND SEMESTER—January 26 to June 5, 1948

January 26	Monday	Instruction begins at 8:30 A.M.
February 21	Saturday	Instruction suspended at 2:00 P.M.
February 23	Monday	Holiday—Washington's Birthday
February 24	Tuesday	Instruction resumed
March 24	Wednesday	Instruction suspended at 5:00 P.M. Easter Holidays
April 1	Thursday	Instruction resumed
May 10	Monday	Senior examinations begin
May 17	Monday	Junior examinations begin
May 24	Monday	Junior examinations continue Sophomore and Freshmen examinations begin
May 29	Saturday	Announcement of graduates
June 5	Saturday	Commencement at 11:00 A.M. Second semester completed at 12:30 P.M.

PARTIAL CALENDAR FOR 1948–1949

September 8, 9, 10		Re-examinations for advancement
September 14	Tuesday	*Registration and payment of fees by freshmen and sophomores
September 15	Wednesday	*Registration and payment of fees by all other students
September 16	Thursday	Instruction begins at 8:30 A.M.

---

* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars ($5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 5:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

Harry Clifton Byrd, B.S., LL.D., D.Sc., *President and Executive Officer*

BOARD OF REGENTS

		Term Expires
William P. Cole, Jr., *Chairman*	Baltimore	1949
Thomas R. Brookes, *Vice-Chairman*	Bel Air	1952
Stanford Z. Rothschild, *Secretary*	Baltimore	1952
J. Milton Patterson, *Treasurer*	Baltimore	1953
E. Paul Knotts	Denton	1954
Glenn L. Martin	Baltimore	1951
Charles P. McCormick	Baltimore	1948
Harry H. Nuttle	Denton	1950
Philip C. Turner	Baltimore	1950
Millard E. Tydings	Washington, D. C.	1951
Mrs. John L. Whitehurst	Baltimore	1947

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Faculty Council, composed of the Dean and members of its faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Education (Baltimore Division)

At College Park

The College of Agricultural
The College of Arts and Sciences
The College of Business and Public Administration
The College of Commerce
The College of Education
The College of Engineering
The College of Home Economics
The Graduate School
The Department of Military Science and Tactics
The Department of Physical Education and Recreation
The Summer School

FACULTY OF MEDICINE

EMERITI

J. Frank Crouch, M.D.... Professor of Clinical Ophthalmology and Otology, Emeritus
Harry Friedenwald, A.B., M.D., D.H.L., D.Sc.. Professor of Ophthalmology, Emeritus
William S. Gardner, M.D. .... Professor of Gynecology, Emeritus
J. M. H. Rowland, M.D., D.Sc., LL.D.
Professor of Obstetrics, Emeritus; Dean, Emeritus
J. Dawson Reeder, M.D......................... Professor of Proctology, Emeritus
Henry J. Walton, M.D...................... Professor of Roentgenology, Emeritus
Page Edmunds, M.D.................... Professor of Traumatic Surgery, Emeritus
Ruth Lee Briscoe.. Librarian, Emeritus
Albertus Cotton, M.A., M.D.. Professor of Orthopaedic Surgery, and Roentgenology, Emeritus
William Tarun, M.D.................... Professor of Ophthalmology, Emeritus
Joseph E. Gichner, M.D...... Professor of Clinical Medicine and Physical Therapeutics, Emeritus
Harvey G. Beck, M.D., D.Sc............... Professor of Clinical Medicine, Emeritus
Irving J. Spear, M.D......................... Professor of Neurology, Emeritus

FACULTY BOARD

H. Boyd Wylie, *Acting Dean*

William R. Amberson
Franklin B. Anderson
Robert S. Anderson
James G. Arnold, Jr.
Thomas B. Aycock
Walter A. Baetjer
Charles Bagley, Jr.
J. McFarland Bergland
Charles F. Blake
Otto C. Brantigan
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Thomas R. Chambers
Carl Dame Clarke
Ross McC. Chapman
Clyde A. Clapp
Paul W. Clough
Richard G. Coblentz
Beverly C. Compton
Charles N. Davidson
Carl L. Davis
Louis H. Douglass
Frederick C. Dye
C. Reid Edwards
Monte Edwards
Frank H. J. Figge
Leon Freedom
Edgar B. Friedenwald
Thomas K. Galvin
Moses Gellman
Andrew C. Gillis
Henry F. Graff
Frank W. Hachtel
O. G. Harne
Harold E. Harrison
Cyrus F. Horine
J. Mason Hundley, Jr.
Elliott H. Hutchins
Edward S. Johnson
F. L. Jennings
C. Loring Joslin
Walter L. Kilby
Edward A. Kitlowski
Vernon E. Krall
John C. Krantz, Jr.
Louis A. M. Krause
Kenneth D. Legge
R. W. Locher
G. Carroll Lockard
Edward A. Looper
William S. Love, Jr.
John F. Lutz
Stanley H. Macht
Howard J. Maldeis
N. Clyde Marvel
Charles W. Maxson
James C. McAlpine
Zachariah Morgan
Theodore H. Morrison
Alfred T. Nelson
Emil Novak
Thomas R. O'Rourk
Robert H. Oster
C. W. Peake
D. J. Pessagno
H. R. Peters
Maurice C. Pincoffs
J. G. M. Reese
Charles A. Reifschneider
Dexter L. Reimann
Compton Riely
Harry M. Robinson, Sr.
Harry L. Rogers

Milton S. Sacks
Emil G. Schmidt
Arthur M. Shipley
Dietrich C. Smith
R. Dale Smith
William H. Smith
Hugh R. Spencer
Thomas P. Sprunt
W. Houston Toulson
Ralph P. Truitt
Eduard Uhlenhuth
Henry F. Ullrich
Allen F. Voshell
John A. Wagner
Grant E. Ward
C. Gardner Warner
Huntington Williams
Walter D. Wise
Thomas C. Wolff
Robert B. Wright
George H. Yeager
Waitman F. Zinn

EXECUTIVE COMMITTEE OF THE FACULTY

H. Boyd Wylie, *Acting Dean*

Louis H. Douglas
Charles Reid Edwards
Frank W. Hachtel
J. Mason Hundley, Jr.
Maurice C. Pincoffs
Arthur M. Shipley
Hugh R. Spencer

FACULTY OF MEDICINE

PROFESSORS

William R. Amberson, Ph.D., Professor of Physiology.[6]
Thomas B. Aycock, B.S., M.D., Professor of Clinical Surgery.
Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.
Charles F. Blake, M.A., M.D., Professor of Proctology.
Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Associate Professor of Surgery.
T. Nelson Carey, M.D., Professor of Clinical Medicine[2] and Physician in Charge of Medical Care of Students.
Ross McC. Chapman, M.D., Professor of Psychiatry.
Clyde A. Clapp, M.D., Professor of Ophthalmology.
Richard G. Coblentz, M.A., M.D., Clinical Professor of Neurological Surgery.
Carl L. Davis, M.D., Professor of Anatomy.
Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.
Louis H. Douglass, M.D., Professor of Obstetrics.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1946 to June 30, 1947 unless otherwise indicated. Changes are noted as follows:

[1] Appointments effective July 1, 1947.
[2] Promotions effective July 1, 1947.
[3] Resignations effective July 1, 1947.
[4] On leave, effective July 1, 1947.
[5] Deaths.
[6] On leave, Sabbatical, May 16–November 15, 1947.

Charles Reid Edwards, M.D., Professor of Surgery.
Monte Edwards, M.D., Clinical Professor of Surgery and Proctology.
Frank H. J. Figge, Ph.D., Professor of Experimental Anatomy.[2]
H. K. Fleck, M.D., Clinical Professor of Ophthalmology.
Edgar B. Friedenwald, M.D., Professor of Clinical Pediatrics.
Thomas K. Galvin, M.D., Clinical Professor of Gynecology.
Andrew C. Gillis, M.A., M.D., LL.D., Professor of Neurology.
Frank W. Hachtel, M.D., Professor of Bacteriology.
J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology.
Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
F. L. Jennings, M.D., Professor of Clinical Surgery.
C. Loring Joslin, M.D., Professor of Pediatrics.
Walter L. Kilby, M.D., Professor of Roentgenology.
Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology.
Louis A. M. Krause, M.D., Professor of Clinical Medicine.[2]
Kenneth D. Legge, M.D., Professor of Clinical Genito-Urinary Surgery.
G. Carroll Lockard, M.D., Professor of Clinical Medicine.
Edward A. Looper, M.D., D.Oph., Professor of Rhinology and Laryngology.
Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
Thomas R. O'Rourk, M.D., Clinical Professor of Otology, Associate Professor of Rhinology and Laryngology.[2]
Robert H. Oster, Ph.D., Professor of Physiology, School of Dentistry.
D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine.
Maurice C. Pincoffs, B.S., M.D., Professor of Medicine.
Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
Compton Riely, M.D., Clinical Professor of Orthopaedic Surgery.
Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.[2]
Harry M. Robinson, Sr., M.D., Professor of Dermatology.
Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry.
Arthur M. Shipley, M.D., D.Sc., Professor of Surgery.
Hugh R. Spencer, M.D., Professor of Pathology.
Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.
W. Houston Toulson, M.Sc., M.D., Professor of Genito-Urinary Surgery.
Ralph P. Truitt, M.D., Professor of Clinical Psychiatry.[6]
Eduard Uhlenhuth, Ph.D., Professor of Anatomy.
Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
Walter D. Wise, M.D., Professor of Surgery.
H. Boyd Wylie, M.D., Professor of Biological Chemistry and Acting Dean.
Waitman F. Zinn, M.D., Clinical Professor of Rhinology and Laryngology.

ASSOCIATE PROFESSORS

Franklin B. Anderson, M.D., Associate Professor of Rhinology and Laryngology, and Otology.
James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.
Walter A. Baetjer, A.B., M.D., Associate Professor of Medicine.

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[6] Promoted September 10, 1946.

J. McFarland Bergland, B.S., M.D., Associate Professor of Obstetrics.
J. Edmund Bradley, M.D., Associate Clinical Professor of Pediatrics.[2,4]
H. M. Bubert, M.D., Associate Professor of Medicine.[2]
C. Jelleff Carr, Ph.D., Associate Professor of Pharmacology.
Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.
Carl Dame Clarke, M.A., Associate Professor of Art as Applied to Medicine.
Paul W. Clough, B.S., M.D., Associate Professor of Medicine.
Charles N. Davidson, M.D., Associate Professor of Roentgenology.
Ross Davies, M.D., Associate Professor of Hygiene and Public Health.[2]
Frederick C. Dye, M.D., Associate Professor of Anaesthesiology.
Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.
J. S. Eastland, M.D., Associate Professor of Medicine.[2]
A. H. Finkelstein, M.D., Associate Clinical Professor of Pediatrics.[2]
Leon Freedom, M.D., Associate Professor of Neurology.
Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.
T. Campbell Goodwin, M.S., M.D., Associate Professor of Pediatrics.[3]
Lewis P. Gundry, M.D., Associate Professor of Medicine.[2]
O. G. Harne, Associate Professor of Histology.
Harold E. Harrison, B.S., M.D., Associate Professor of Pediatrics.[1]
Horace Hodes, M.D., Associate Professor of Hygiene and Public Health.[1]
Cyrus F. Horine, M.D., Associate Professor of Surgery.
Harry C. Hull, M.D., Associate Professor of Surgery.[2]
Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics.[2]
Edward S. Johnson, M.D., Associate Professor of Surgery.
Hugh W. Josephs, M.D., Associate Professor of Pediatrics.[3]
Vernon D. Kaufman, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.
Vernon E. Krall, B.S., M.S., Associate Professor of Gross Anatomy.[6]
R. W. Locher, M.D., Associate Professor of Clinical Surgery.
William S. Love, Jr., A.B., M.D., Associate Professor of Medicine.
Howard J. Maldeis, M.D., Associate Professor of Legal Medicine and Associate in Pathology.
N. Clyde Marvel, A.B., M.D., Associate Professor of Surgery.
Charles W. Maxson, M.D., Associate Professor of Surgery.
James G. McAlpine, Ph.D., Associate Professor of Bacteriology.
Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.[2]
H. W. Newell, M.D., Associate Professor of Psychiatry.[7]
Emil Novak, A.B., M.D., D.Sc., Associate Professor of Obstetrics.
C. W. Peake, M.D., Associate Professor of Surgery.
J. G. M. Reese, M.D., Associate Professor of Obstetrics.
Benjamin S. Rich, A.B., M.D., Associate Professor of Rhinology and Laryngology,[2] Associate in Otology.
Milton S. Sacks, M.D., Associate Professor of Medicine[2] and Head of Clinical Pathology, Associate in Pathology[1]
Dietrich Conrad Smith, Ph.D., Associate Professor of Physiology.[8]
Frederick B. Smith, M.D., Associate Clinical Professor of Pediatrics.[2]

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[4] On leave May 1, 1947 to April 30, 1948.

[6] Appointed August 1, 1947.

[7] Promoted September 10, 1946.

[8] On leave, Sabbatical, March 1–August 31, 1947.

William H. Smith, M.D., Associate Professor of Clinical Medicine.
Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
Grant E. Ward, A.B., M.D., Associate Professor of Surgery and Oral Surgery.
C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.[2]
J. Herbert Wilkerson, M.D., Associate Professor of Oral Surgery, School of Dentistry.
Thomas C. Wolff, M.D., Associate Professor of Medicine.[2]
Robert B. Wright, B.S., M.D., Associate Professor of Pathology.
George H. Yeager, B.S., M.D., Associate Professor of Surgery.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
Rubert S. Anderson, Ph.D., Assistant Professor of Physiology.
H. F. Bongardt, M.D., Assistant Professor of Surgery.
Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
Simon H. Brager, M.D., Assistant Professor of Surgery and Associate in Proctology.
Edward F. Cotter, M.D., Assistant Professor of Medicine,[1] Instructor in Neurology.[3]
Francis A. Ellis, A.B., M.D., Assistant Professor of Dermatology.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
Wetherbee Fort, M.D., Assistant Professor of Medicine.[2]
Frank J. Geraghty, M.D., Assistant Professor of Medicine.[2]
Francis W. Gillis, M.D., Assistant Professor of Genito-Urinary Surgery.
Samuel S. Glick, M.D., Assistant Professor of Pediatrics.[2]
Harry Goldsmith, M.D., Assistant Professor of Psychiatry.[3]
Albert E. Goldstein, M.D., Assistant Professor of Pathology.
Henry F. Graff, A.B., M.D., Assistant Professor of Ophthalmology.
Harry K. Iwamota, Ph.D., Assistant Professor of Pharmacology.
H. Vernon Langeluttig, M.D., Assistant Professor of Medicine.[2]
John E. Legge, M.D., Assistant Professor of Medicine.[3]
Philip L. Lerner, Assistant Professor of Neurology.[2]
Hans W. Loewald, Assistant Professor of Psychiatry.[6]
John F. Lutz, A.B., M.D., Assistant Professor of Histology.
Stanley H. Macht, B.S., M.D., Assistant Professor of Roentgenology.
Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Pathology.
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
Samuel Morrison, A.B., M.D., Assistant Professor of Gastro-Enterology.
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.
Alfred T. Nelson, M.D., Assistant Professor of Anaesthesiology.[6a]
James W. Nelson, M.D., Assistant Professor of Surgery.
M. Alexander Novey, A.B., M.D., Assistant Professor of Obstetrics.
Dexter L. Reimann, B.S., M.D., Assistant Professor of Pathology,[7] Assistant in Medicine.[3]
I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
Harry M. Robinson, Jr., B.S., M.D., Assistant Professor of Dermatology, Associate in Medicine.[2]
John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.

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[6] Promoted January 1, 1947.
[6a] Appointed September 1, 1946.
[7] Appointed April 1, 1947.

Richard T. Shackelford, A.B., M.D., Assistant Professor of Surgery.
Isadore A. Siegel, A.B., M.D., Assistant Professor of Obstetrics.
Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
R. Dale Smith, Ph.D., Assistant Professor of Gross Anatomy.
Sol Smith, M.D., Assistant Professor of Medicine.[2]
John H. Traband, M.D., Assistant Professor of Pediatrics.[3]
J. Ridgeway Trimble, M.D., Assistant Professor of Surgery.
John A. Wagner, B.S., M.D., Assistant Professor of Pathology[7] and Neuropathology,[1] Assistant in Medicine.
Philip S. Wagner, M.D., Assistant Professor of Psychiatry.[8]
W. Wallace Walker, M.D., Assistant Professor of Surgery and Surgical Anatomy.
Glenn S. Weiland, Ph.D., Assistant Professor of Biological Chemistry.[9]
Theodore E. Woodward, M.D., Assistant Professor of Medicine.[1]
Asa D. Young, M.D., Assistant Professor of Roentgenology.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine.[2]
Marie A. Andersch, Ph.D., Associate in Medicine.[2]
Margaret B. Ballard, M.D., Associate in Obstetrics.
Donald J. Barnett, M.D., Associate in Roentgenology.[2]
Eugene S. Bereston, A.B., M.D., Associate in Dermatology.[2]
Dudley P. Bowe, A.B., M.D., Associate in Obstetrics.[3]
Kenneth B. Boyd, A.B., M.D., Associate in Gynecology and Assistant in Obstetrics.
M. Paul Byerly, M.D., Associate in Medicine.[1]
Beverley C. Compton, A.B., M.D., Associate in Gynecology.
W. A. H. Councill, M.D., Associate in Genito-Urinary Surgery.
E. Eugene Covington, M.D., Associate in Surgical Anatomy and Surgery.
Francis G. Dickey, M.D., Associate in Medicine.[2]
D. McClelland Dixon, M.D., Associate in Obstetrics and Instructor in Pathology.
John C. Dumler, B.S., M.D., Associate in Gynecology.
William W. Elgin, M.D., Associate in Psychiatry.
J. J. Erwin, M.D., Associate in Gynecology.
Houston Everett, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Genito-Urinary Surgery.
William L. Fearing, M.D., Associate in Neurology.[2]
Jerome Fineman, M.D., Instructor in Pediatrics.[2]
Samuel L. Fox, M.D., Associate in Rhinology, Laryngology and Otology.[2]
Irving Freeman, M.D., Associate in Medicine.[2]
George Govatos, A.B., M.D., Associate in Surgery.
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine.[2]
John T. Hibbitts, M.D., Associate in Gynecology.
John F. Hogan, M.D., Associate in Genito-Urinary Surgery.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Meyer W. Jacobson, M.D., Associate in Medicine.[2]
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.

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[8] Promoted September 10, 1946.
[9] Appointed September 1, 1947.

D. Frank Kaltreider, A.B., M.D., Associate in Obstetrics.
Arthur Karfgin, B.S., M.D., Associate in Medicine.[2]
Fayne A. Kayser, M.D., Associate in Rhinology and Laryngology.[2]
Joseph I. Kemler, M.D., Associate in Ophthalmology.
F. Edwin Knowles, Jr., M.D., Associate in Ophthalmology.
Frederick R. Kyper, M.D., D.Sc., Associate in Rhinology, Laryngology,[2] and Bronchoscopy,[1] Instructor in Otology.[1]
C. Edward Leach, M.D., Associate in Medicine.[2]
Samuel Legum, M.D., Associate in Medicine.[2]
Luther E. Little, M.D., Associate in Surgery.
Ephraim T. Lisansky, M.D., Associate in Medicine.[2]
H. Edmund Levin, B.S., M.D., Associate in Bacteriology, Instructor in Medicine.[3]
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.[2]
Lyle J. Millan, M.D., Associate in Genito-Urinary Surgery.
Frank K. Morris, A.B., M.D., Associate in Gynecology, Instructor in Obstetrics.
W. Raymond McKenzie, M.D., Associate in Rhinology and Laryngology.
Hugh B. McNally, B.S., M.D., Associate in Obstetrics.
Frank N. Ogden, M.D., Associate in Biological Chemistry.[3]
Robert A. Reiter, M.D., Associate in Medicine.[2]
Samuel T. R. Revell, M.D., Associate in Medicine.[2]
William F. Rienhoff, Jr., M.D., Associate in Surgery.
Henry L. Rigdon, M.D., Associate in Surgery,[2] Assistant in Surgical Anatomy.[1]
Kathyrn L. Schultz, M.D., Associate in Psychiatry.[6]
Theodore A. Schwartz, M.D., Associate in Rhinology and Laryngology.[2]
William M. Seabold, A.B., M.D., Associate in Pediatrics.
Lawrence M. Serra, M.D., Associate in Medicine.[2]
William B. Settle, M.D., Associate in Surgery, Instructor in Surgical Anatomy.
A. Albert Shapiro, B.S., M.D., Associate in Dermatology.[2]
Arthur G. Siwinski, A.B., M.D., Associate in Surgery.
Benedict Skitarelic, A.B., M.D., Associate in Pathology,[2] Assistant in Medicine.[3]
E. H. Tonolla, M.D., Associate in Medicine.
William K. Waller, M.D., Associate in Medicine.[2]
Gibson J. Wells, M.D., Associate in Pediatrics.[2]
Austin H. Wood, M.D., Associate in Genito-Urinary Surgery.
Israel Zeligman, A.B., M.D., Associate in Dermatology.[2]

LECTURERS

Jonas Friedenwald, M.A., M.D., Lecturer in Ophthalmic Pathology.
Charles R. Goldsborough, M.A., M.D., Lecturer in Medicine.[3]
Leonard Karel, Ph.D., Lecturer in Pharmacology.[1]
Stephen Krop, Ph.D., Lecturer in Pharmacology.[1]
Leslie B. Hohman, M.D., Lecturer in Psychiatry.[3]
Joseph M. Miller, M.D., Lecturer in Surgery.
Myron G. Tull, A.B., M.D., M.P.H., Lecturer in Hygiene and Public Health.[3]

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
Leon Ashman, M.D., Instructor in Medicine.[2]

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[6] Promoted September 10, 1946.

Carl E. Bailey, D.D.S., Instructor in Prosthetic Dentistry, School of Dentistry.
John Z. Bowers, B.S., M.D., Instructor in Medicine.[2]
Harry C. Bowie, B.S., M.D., Instructor in Surgery and Surgical Anatomy.
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
George H. Brouillet, B.S., M.D., Instructor in Surgery.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
Samuel H. Bryant, A.B., D.D.S., Instructor in Oral Diagnosis, School of Dentistry.
Henry F. Buettner, M.D., Instructor in Bacteriology.[6]
Harold H. Burns, M.D., Instructor in Surgery.
Lucile J. Caldwell, M.D., Instructor in Dermatology.
Timothy A. Callahan, M.D., Instructor in Medicine.[1]
Mary E. Chinn, A.B., Instructor in Physiology.
Ernest I. Cornbrooks, Jr., A.B., M.D., Instructor in Gynecology.
Stuart G. Coughlan, B.S., M.D., Instructor in Surgery.
J. G. N. Cushing, M.D., Instructor in Psychiatry.
John R. Davis, M.D., Instructor in Medicine.[2]
B. Matthew Debuskey, M.D., Instructor in Pediatrics.[3]
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
William K. Diehl, B.S., M.D., Instructor in Gynecology.
Everett S. Diggs, B.S., M.D., Instructor in Gynecology.
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
Philip D. Flynn, M.D., Instructor in Medicine.
William L. Garlick, A.B., M.D., Instructor in Surgery.
Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.[2]
Samuel J. Hankin, M.D. Instructor in Medicine.[2]
E. M. Hanrahan, A.B., M.D., Instructor in Surgery.
Alvin J. Hartz, A.B., M.D., Instructor in Medicine.[1]
Mary L. Hayleck, M.D., Instructor in Pediatrics.
Robert F. Healy, M.D., Instructor in Surgery.
William G. Helfrich, B.S., M.D., Instructor in Medicine.
Benjamin Highstein, M.D., Instructor in Dermatology.
F. A. Holden, M.D., Instructor in Ophthalmology.
Mark B. Hollander, M.D., Instructor in Dermatology.
Helen A. Horn, A.B., M.D., Instructor in Pathology.[4]
Calvin Hyman, M.D., Instructor in Surgery.
Conrad L. Inman, D.D.S., Consulting Dentist, School of Dentistry.
Benjamin H. Isaacs, A.B., M.D., Instructor in Rhinology and Laryngology.
William R. Johnson, M.D., Instructor in Surgery.
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.[2]
Clyde F. Karns, B.S., Instructor in Surgery.
Lester N. Kolman, M.D., Instructor in Dermatology.
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
Louis J. Kroll, A.B., M.D., Instructor in Medicine.[2]
Milton C. Lang, M.D., Instructor in Ophthalmology.
Arnold F. Lavenstein, Instructor in Pediatrics.
Kurt Levy, M.D., Instructor in Medicine.
Joseph H. Marshall, M.D., Instructor in Psychiatry.[6a]

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[6] Resigned September 27, 1946.

[6a] Promoted September 10, 1946.

Karl F. Mech, B.S., M.D., Instructor in Gross Anatomy,[7] and Pathology.[2]
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.[2]
R. B. Mitchell, Jr., B.S., M.D., Instructor in Medicine.[3]
J. Duer Moores, B.S., M.D., Instructor in Surgery.
J. Huff Morrison, M.D., Instructor in Obstetrics.[8]
S. Edwin Muller, M.D., Instructor in Medicine.[2]
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.[2]
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
Francis J. McLaughlin, M.D., Instructor in Psychiatry.
Samuel Novey, M.D., Instructor in Psychiatry.
M. Paul Padget, M.D., Instructor in Medicine.
William A. Parr, M.D., Instructor in Otology.
Richard H. Pembroke, Jr., A.B., M.D., Instructor in Psychiatry.[6]
Eugene L. Pessagno, A.B., D.D.S., Instructor in Operative Surgery, School of Dentistry.
Leslie H. Pierce, B.S., M.D., Instructor in Medicine.[2]
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.[1]
Herbert E. Reifschneider, A.B., M.D., Instructor in Surgery and Surgical Anatomy.
Daniel R. Robinson, M.D., Instructor in Surgery.
Seymour W. Rubin, M.D., Instructor in Pathology.[2]
John F. Schaefer, B.S., M.D., Instructor in Surgery.
Robert C. Sheppard, M.D., Instructor in Surgery.
M. S. Shiling, A.B., M.D., D.Sc., Instructor in Medicine.[3]
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
Harry A. Teitelbaum, B.S., M.D., Assistant in Neurology.[3]
David Tenner, M.D., Instructor in Medicine.
Lewis C. Toomey, D.D.S., Instructor in Oral Surgery, School of Dentistry.[1]
Wilfred H. Townshend, Jr., A.B., M.D., Instructor in Medicine.[2]
William D. VandeGrift, M.D., Instructor in Pathology.
Harold L. Vyner, M.D., Instructor in Psychiatry.[7a]
Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.[2]
Hugh G. Whitehead, M.D., Instructor in Medicine.[3]
Milton J. Wilder, M.D., Instructor in Orthopaedic Surgery.
Daniel Wilfson, Jr., A.B., M.D., Instructor in Medicine.[2]

ASSISTANTS

J. Warren Albrittain, B.S., M.D., Assistant in Obstetrics.[8]
Harry McB. Beck, M.D., Assistant in Gynecology.
Robert Z. Berry, A.B., M.D., Assistant in Rhinology and Laryngology,[1] Assistant in Surgery.[3]
Henry A. Briele, M.D., Assistant in Surgery.[3]
Joseph G. Bird, A.B., M.D., Assistant in Pharmacology.[1]
William J. Bryson, A.B., M.D., Assistant in Pathology.[1]
A. V. Buchness, A.B., M.D., Assistant in Surgery.

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[6] Appointed January 1, 1947.
[7] Appointed September 5, 1946.
[7a] Appointed September 10, 1946.
[8] Appointed May 1, 1947.

Paul E. Carliner, B.S., M.D., Assistant in Medicine.[3]
John W. Chambers, M.D., Assistant in Surgery, and Neurological Surgery.[1]
L. T. Chance, M.D., Assistant in Surgery.
Robert F. Chenowith, M.D., Assistant in Surgery.[3]
Joseph M. Cordi, M.D., Assistant in Pediatrics.[1]
Samuel H. Culver, M.D., Assistant in Surgery.
Raymond M. Cunningham, A.B., M.D., Assistant in Surgery, and Proctology.[1]
Preston R. Cutler, A.B., M.D., Assistant in Surgery.
Edwin O. Daue, Jr., B.S., M.D., Assistant in Surgery.[3]
Nachman Davidson, A.B., M.D., Assistant in Medicine.[3]
E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.
George H. Davis, M.D., Assistant in Obstetrics.
John B. DeHoff, M.D., Assistant in Medicine.[1]
William A. Dodd, M.D., Assistant in Gynecology.
Charles H. Doeller, Jr., A.B., M.D., Assistant in Obstetrics and Gynecology.
William C. Duffy, A.B., M.D., Assistant in Gynecology.
William C. Dunnigan, A.B., M.D., Assistant in Surgery.
Morris A. Fine, M.D., Assistant in Medicine and Genito-Urinary Surgery.
Herbert M. Foster, M.D., Assistant in Surgery.[3]
Audrey M. Funk, A.B., Assistant in Medicine.
L. Calvin Gareis, B.S., M.D., Assistant in Obstetrics.[1]
William R. Geraghty, B.S., M.D., Assistant in Surgery.
Robert L. Gibbs, A.B., M.D., Assistant in Medicine.[3]
H. L. Granoff, A.B., M.D., Assistant in Gynecology.
William H. Grenzer, M.D., Assistant in Medicine.[3]
Joseph B. Gross, B.S., M.D., Assistant in Medicine.
John S. Haines, M.D., Assistant in Genito-Urinary Surgery.[1]
Donald B. Hebb, M.D., Assistant in Surgery and Proctology.[6]
Oscar Hartman, B.S., M.D., Assistant in Obstetrics.[3]
John S. Haught, M.D., Assistant in Gynecology.
Thomas A. Hedrick, M.D., Assistant in Pediatrics.[3]
L. Ann Hellen, B.S., Assistant in Medicine.
James W. Hendrick, M.D., Assistant in Surgery, and Plastic Surgery.[1]
John H. Hirschfeld, M.D., Assistant in Rhinology and Laryngology.
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
Rollin C. Hudson, M.D., Assistant in Medicine.
Jaroslav Hulla, M.D., Assistant in Obstetrics.[3]
William C. Humphries, M.D., Assistant in Rhinology and Laryngology.[3]
Jacob R. Jensen, B.S., M.D., Assistant in Obstetrics.[3]
Hugh Jewett, M.D., Assistant in Genito-Urinary Surgery.
Harry F. Kane, M.D., Assistant in Gynecology.
Melvin D. Kappelman, B.S., M.D., Assistant in Obstetrics.
James R. Karns, B.S., M.D., Assistant in Medicine.
Lawrence Katzenstein, M.D., Assistant in Medicine.[3]
Lauriston L. Keown, A.B., M.D., Assistant in Pediatrics.[3]
Irvin P. Klemkowski, M.D., Assistant in Obstetrics.[3]
Charles W. Knerler, M.D., Assistant in Medicine.[3]
Schuyler G. Kohn, B.S., M.D., Assistant in Obstetrics.

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[6] Appointed November 1, 1946.

Alfred S. Lederman, Assistant in Gastro-Enterology.
Frank E. Leslie, A.B., M.D., Assistant in Medicine.[1]
Etta C. Link, B.S., M.D., Assistant in Pediatrics.[1]
V. Harwood Link, A.B., M.D., Assistant in Dermatology.
J. Douglas Lockard, M.D., Assistant in Medicine.[1]
F. Ford Loker, B.S., M.D., Assistant in Surgery.
H. Pearce Maccubbin, B.S., M.D., Assistant in Medicine.[3]
John W. Machen, M.D., Assistant in Neurology.[3]
Helen I. Maginnis, M.D., Assistant in Gynecology.
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
Charles B. Marek, M.D., Assistant in Gynecology.
A. Robert Marks, A.B., M.D., Assistant in Pediatrics.
Maxwell L. Mazer, M.D., Assistant in Obstetrics.
Robert B. Mearns, M.D., Assistant in Medicine.[3]
George C. Medairy, M.D., Assistant in Neurology.[3]
William A. Mitchell, M.D., Assistant in Obstetrics.
John H. Morrison, B.S., M.D., Assistant in Obstetrics.
Howard B. McElwain, M.D., Assistant in Surgery.
John W. Osborne, M.D., Assistant in Medicine.[1]
Frank J. Otanasek, M.D., Assistant in Neurological Surgery.[1]
Margaret Virginia Palmer, A.M., M.D., Assistant in Medicine.[3]
Patrick C. Phelan, Jr., A.B., M.D., Assistant in Surgery.
Ross Z. Pierpont, M.D., Assistant in Surgery,[3] and Surgical Anatomy.
‡Samuel E. Proctor, A.B., M.D., Assistant in Surgery.
J. Emmett Queen, A.B., M.D., Assistant in Medicine.[3]
William T. Raby, B.S., M.D., Assistant in Pathology.[1]
Frederick M. Reese, A.B., M.D., Assistant in Ophthalmology.
John O. Robben, B.S., M.D., Assistant in Plastic Surgery.[3]
T. Edgie Russell, Jr., B.S., M.D., Assistant in Obstetrics.
William J. Rysanek, Jr., M.D., Assistant in Gynecology.
Clarence P. Scarborough, M.D., Assistant in Plastic Surgery.
W. J. Schmitz, M.D., Assistant in Pediatrics.[3]
Earle S. Scott, M.D., Assistant in Pediatrics.[3]
J. King B. E. Seegar, Jr., A.B., M.D., Assistant in Obstetrics.
Kenneth C. Sharrets, A.B., M.D., Assistant in Surgery.[1]
Joseph C. Sheehan, B.S., M.D., Assistant in Gynecology.
E. Roderick Shipley, A.B., M.D., Assistant in Surgery.
George Silverton, A.B., M.D., Assistant in Medicine.[3]
Jerome Snyder, B.S., M.D., Assistant in Ophthalmology.
June Linda Snyder, A.B., Assistant in Physiology.
Samuel Snyder, M.D., Assistant in Medicine.
Walter Spurrier, M.D., Assistant in Pediatrics.[1]
Edwin H. Stewart, Jr., M.D., Assistant in Surgery and Plastic Surgery.[1]
William J. Supik, M.D., Assistant in Proctology.[1]
Adam Swiss, M.D., Assistant in Medicine.[1]
Raymond K. Thompson, B.S., M.D., Assistant in Neurological Surgery.[1]
T. J. Touhey, M.D., Assistant in Surgery.
W. H. Triplett, M.D., Assistant in Medicine.[3]
Robert B. Tunney, A.B., M.D., Assistant in Gynecology.
Stephen J. Van Lill, III, A.B., M.D., Assistant in Medicine.[1]
Frederick J. Vollmer, B.S., M.D., Assistant in Medicine.

Sholom O. Waife, M.D., Assistant in Medicine, [1]
William Earl Weeks, M.D., Assistant in Pediatrics.
J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
Albert R. Wilkerson, M.D., Assistant in Surgery.
Thomas L. Worsley, M.D., Assistant in Medicine.[1]
Isaac C. Wright, A.B., M.D., Assistant in Pathology.[1]
Howard L. Zupnik, M.D., Assistant in Surgery.

FELLOWS

Frederick K. Bell, Ph.D., U. S. Pharmacopoeia Fellow.
Joseph G. Bird, A.B., M.D., Fellow in Pharmacology.[1]
R. Adams Cowley, M.D., Fellow in Surgery.[1]
Robert M. H. Crosby, M.D., Fellow in Neurological Surgery.[1]
Everett S. Diggs, B.S., M.D., Hitchcock Fellow in Gynecology.[1]
Nancy Jane Ferneyhough—Fellow in Art as Applied to Medicine.[3]
Elaine Gaby, A.B., Emerson Fellow in Pharmacology.
Richard D. Grill, Fellow in Art as Applied to Medicine.
James W. Hendrick, M.D., National Cancer Institute Trainee.[1]
Mary J. Sauerwald, A.B., Emerson Fellow in Pharmacology.
George W. Smith, M.D., Hitchcock Fellow in Neurological Surgery.[1]
Carl Christian Stein—Fellow in Art as Applied to Medicine.[3]
Edwin H. Stewart, Jr., M.D., National Cancer Institute Trainee.[1]
Edward B. Truitt, B.S., Markle Fellow in Pharmacology.[6]
Hugh D. Vazzana, M.D., Fellow in Roentgenology.[1]

UNIVERSITY HOSPITAL

EXECUTIVE COMMITTEE OF THE STAFF

H. Boyd Wylie, *Acting Dean*,
Harold A. Sayles, *Acting Superintendent*, } *Ex officio*

	Alternates
Beverly C. Compton, *Chairman*	
W. Houston Toulson, *Vice Chairman*	
Maurice C. Pincoffs	T. Nelson Carey
Arthur M. Shipley	Charles Reid Edwards
Louis H. Douglass	J. G. M. Reese
J. Mason Hundley, Jr.	
Clyde A. Clapp	Henry F. Graff
Edward A. Looper	Thomas R. O'Rourk
Walter L. Kilby	Charles N. Davidson
C. Loring Joslin	J. Edmund Bradley
Allen Fiske Voshell	
Frederick C. Dye	
Hugh R. Spencer	
George H. Yeager	
William M. Seabold, *Secretary*	

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[6] December 1, 1946 to June 30, 1947.

UNIVERSITY HOSPITAL STAFF

Harold A. Sayles, *Acting Superintendent*

Physician-in-Chief	Maurice C. Pincoffs
Physicians	Walter A. Baetjer Thomas P. Sprunt John E. Legge Louis A. M. Krause G. Carroll Lockard Joseph E. Gichner William H. Smith William S. Love, Jr. T. Nelson Carey
Gastro-Enterologist	Zachariah R. Morgan
Neurologists	Irving J. Spear Leon Freedom
Psychiatrists	Ross McC. Chapman Ralph P. Truitt Harry M. Murdock
Pediatricians	C. Loring Joslin Albert Jaffe J. Edmund Bradley A. H. Finkelstein William M. Seabold
Pathologist	Hugh R. Spencer
Surgeon-in-Chief	Arthur M. Shipley
Surgeons	Charles Reid Edwards Thomas B. Aycock
Neurological Surgeons	Charles Bagley, Jr. Richard G. Coblentz James G. Arnold, Jr.
Laryngologists	Edward A. Looper Franklin B. Anderson Thomas R. O'Rourk
Proctologists	Monte Edwards Thurston R. Adams
Orthopaedic Surgons	Allen Fiske Voshell Moses Gellman Compton Riely Henry F. Ullrich
Genito-Urinary Surgeons	W. Houston Toulson W. A. H. Councill Lyle J. Millan Howard B. Mays
Dental Surgeon-in-Chief	Brice M. Dorsey
Dentists	Vernon D. Kaufman Samuel H. Bryant Edward C. Dobbs Lewis C. Toomey[1] Eugene L. Pessagno

Roentgenologists	Walter L. Kilby Charles N. Davidson Donald J. Barnett
Dermatologist	Harry M. Robinson, Sr.
Assistant Dermatologists	Francis A. Ellis[1] Harry M. Robinson, Jr.[1]
Bronchoscopist	Edward A. Looper
Associate Bronchoscopist	Frederick T. Kyper[1]
Assistant Bronchoscopist	John H. Hirschfeld[1]
Otologist	Thomas R. O'Rourk
Anaesthesiologists	Frederick C. Dye Alfred T. Nelson
Obstetricians	Louis H. Douglass Isadore A. Siegel J. G. M. Reese John E. Savage Hugh B. McNally
Ophthalmologists	Clyde A. Clapp Henry F. Graff F. Edwin Knowles, Jr.
Gynecologists	J. Mason Hundley, Jr. Leo Brady Beverley C. Compton
Oncologists	J. Mason Hundley, Jr. Grant E. Ward

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the University Hospital:

Three Residents in Medicine
Seven Residents in Surgery
One Resident in Neurosurgery
Three Residents in Gynecology
Four Residents in Obstetrics
Two Residents in Pediatrics
Two Residents in Roentgenology
Twenty-Four Rotating Interns

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1947 to June 30, 1948

RESIDENT STAFF

A. Maynard Bacon, Jr., B.S., M.D., *Assistant Resident in Pediatrics*
[1]Ruth W. Baldwin, B.S., M.D., *Assistant Resident in Pediatrics*[1]
Robert E. Bauer, A.B., M.D., *Assistant Resident in Medicine*
William A. Burke, B.S., M.D., *Resident in Pediatrics*
William L. Byerly, B.S., M.D., *Assistant Resident in Surgery*[9]
[2]Eugene C. Conner, M.D., *Assistant Resident in Anaesthesiology*
Sarah Cook, A.B., M.D., *Assistant Resident in Medicine*
Richard J. Cross, B.S., M.D., *Assistant Resident in Eye, Ear, Nose and Throat*
Walter L. Crouch, B.S., M.D., *Assistant Resident in Pediatrics*
Edwin O. Daue, Jr., B.S., M.D., *Resident in Surgery*

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[1] Until October 31, 1947.

[2] Beginning about September 15, 1947.

John B. Doenges, A.B., M.D., *Assistant Resident in Medicine*
James L. Eavey, B.S., M.D., *Assistant Resident in Gynecology*
John F. Gayle, M.D., *Assistant Resident in Gynecology (assigned to Obstetrics)*
James H. Graves, B.S., M.B., M.D., *Assistant Resident in Obstetrics (assigned to Gynecology)*
Ernest G. Guy, B.S., M.D., *Resident in Medicine*
[3]Gunyon Harrison, M.D., *Assistant Resident in Pediatrics*
Charles W. Hawkins, M.D., *Assistant Resident in Surgery*
C. Hal Ingram, A.B., M.D., *Assistant Resident in Surgery*
Erwin R. Jennings, A.B., M.D., *Assistant Resident in Surgery*
Theodore Kardash, B.S., M.D., *Resident in Gynecology*
Joseph M. Keith, A.B., M.D., *Assistant Resident in Obstetrics*
Robert E. Lartz, B.S., M.D., *Assistant Resident in Obstetrics*
Clarence W. Legerton, Jr., M.D., *Assistant Resident in Medicine*
Lorman L. Levinson, A.B., M.D., *Resident in Obstetrics*
William D. Lynn, A.B., M.D., *Assistant Resident in Surgery*
Louis O. Manganiello, A.B., M.D., *Assistant Resident in Neurosurgery*
Clarence Martin, M.D., *Assistant Resident in Obstetrics*
George Y. Massenburg, M.D., *Assistant Resident in Surgery*
Edward B. McGovern, B.S., M.D., *Assistant Resident in Anaesthesiology*
E. Thornton Pfeil, B.S., M.D., *Resident in Neurosurgery*
James J. Range, A.B., M.D., *Assistant Resident in Roentgenology*
Howard L. Seabright, M.D., *Assistant Resident in Pediatrics*
Edwin L. Seigman, A.B., M.D., *Resident in Roentgenology*
[4]Cecil W. Shafer, B.S., M.D., *Assistant Resident in Anaesthesiology*
Robert L. Stone, A.B., M.D., *Assistant Resident in Gynecology*
James A. Vaughn, Jr., A.B., M.D., *Assistant Resident in Anaesthesiology*
James H. Walker, A.B.. M.D., *Assistant Resident in Surgery*
David R. Will, M.D., *Assistant Resident in Surgery*
Joseph B. Workman, A.B., M.D., *Assistant Resident in Medicine*

INTERNS

John F. Benson, B.S., M.D.
Frank E. Brumback, M.D.
Robert C. Duvall, Jr., M.D.
John E. Evans, Jr., B.S., M.D.
William A. Gakenheimer, M.D.
Benjamin M. Gold, B.S., M.D.
Robert R. Hahn, M.D.
Howard E. Hall, M.D.
Calvin B. Hearne, M.D.
John A. Hightower, M.D.
Robert C. Hunter, B.S., M.D.
Benjamin L. Jamison, A.B., M.D.
Arlie R. Mansberger, Jr., M.D.
Richard A. Neubauer, B.S., M.D.
David L. Phillips, A.B., M.D.
John B. Piggott, B.S., M.D.
Jack H. Powell, Jr., A.B., M.D.
John H. Rosser, B.S., M.D.
Sidney H. Sachs, M.D.
Joseph Shear, B.S., M.D.
Harold N. Taylor, A.B., M.D.
John P. White, III, M.D.
James C. Yockey, B.A., M.D.
Edgar W. Young, Jr., B.A., M.D.

DENTAL INTERNS

William J. Coleman, Jr., D.D.S.
William D. Hartsock, B.A., D.D.S.

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[3] July, August, and September, 1947.

[4] Beginning August 1, 1947.

UNIVERSITY HOSPITAL DISPENSARY STAFF

EMMA WINSHIP, R.N.
Dispensary Director

DISPENSARY COMMITTEE

GEORGE H. YEAGER, *Chairman*
EMMA WINSHIP, R.N., *Secretary*

ALLEN FISKE VOSHELL
BEVERLEY C. COMPTON
A. H. FINKELSTEIN
LEWIS P. GUNDRY
HOWARD B. MAYS
D. FRANK KALTREIDER

Chief of Medical Clinic	LEWIS P. GUNDRY
Assistant Chief of Medical Clinic	M. PAUL BYERLY[1]
Physicians	M. A. FINE SAMUEL J. HANKIN LEON ASHMAN[1] JOHN B. DEHOFF[1] LEON A. KOCHMAN[1] THOMAS H. MAGNESS[1] ELIZABETH D. SHERRILL[1] CHARLES H. WILLIAMS[1] CHARLES R. GOLDSBOROUGH[3] MEYER W. JACOBSON[3] H. EDMUND LEVIN[3] THOMAS P. SPRUNT[3] G. CARROLL LOCKARD[3] MILTON S. SACKS[3] LESLIE HARRELL PIERCE[3]
Chief of Gastro-Enterology Clinic	FRANCIS G. DICKEY[1]
Assistant Chiefs of Gastro-Enterology Clinic	Z. VANCE HOOPER FRANCIS G. DICKEY[3]
Assistant Gastro-Enetrologists	ALBERT J. SHOCHAT ALFRED S. LEDERMAN SAMUEL MORRISON[3] CHARLES V. SEVCIK[3]
Chief of Neurology Clinic	LEON FREEDOM
Assistant Neurologists	WILLIAM L. FEARING HARRY A. TEITELBAUM[3]
Chief of Psychiatric Clinic	RALPH P. TRUITT
Clinical Director	H. W. NEWELL[1]
Assistant Psychiatrists	ALICE J. ROCKWELL HANS W. LOEWALD KATHRYN L. SCHULTZ HAROLD L. VYNER HARRY GOLDSMITH[3] JOSEPH MARSHALL[3] H. ROBERT BLANK[3] SIDNEY BERMAN[3] MABEL WILKINS[3] HELEN ARTHUR[3]

Chief of Chest Clinic	Meyer D. Jacobson[1]
Assistant, Diseases of the Lungs	Manuel Levin Meyer W. Jacobson[3] Joseph E. Muse, Jr.[3]
Chief of Metabolism Clinic	W. Grafton Hersperger[1] Lewis P. Gundry[3]
Assistants in Metabolism Clinic	Louis V. Blum William G. Helfrich[3] Walter E. Karfgin[3] A. Goldman[3] W. Grafton Hersperger[3]
Chief of Cardiovascular Clinic	C. Edward Leach[1] William S. Love, Jr.[3]
Assistant Cardiologists	H. F. Ermshar Wilfred H. Townshend William G. Helfrich Rollin C. Hudson Stephen J. van Lill, III[1] Samuel J. Hankin[3] Irving Freeman[3] Harry M. Robinson, Jr.[3] Ephraim T. Lisansky[3] F. Frederick Ruzicka[3]
Chief of Allergy Clinic	H. M. Bubert
Assistant Chief of Allergy Clinic	Edward S. Kallins
Assistant Allergists	Samuel Snyder Frank V. Manieri[3] S. Edwin Muller[3]
Allergy Clinic Technician	Selma Rosenberg
Director, Pediatric Clinic	A. H. Finkelstein
Chief of Pediatric Clinic	Samuel S. Glick
Assistant Pediatricians	Jerome Fineman Joseph R. Meyerowitz Louis V. Blum Arnold F. Lavenstein Thomas E. Weeks J. Carlton Wich Ramsay B. Thomas[1] Howard Goodman[1] Melvin N. Borden[1] Keacil K. Krulevitz[1] Etta C. Link[1] Lester Kaplan[1] Israel P. Meranski[3] William M. Seabold[3] Albert Jaffe[3] Lauriston L. Keown[3] Gibson J. Wells[3] Earle S. Scott[3] A. Robert Marks[3]

Chief of Endocrinology Clinic	John Z. Bowers[1]
Chief of Surgical Clinic	George H. Yeager
Assistant Surgeons	George H. Brouillet Stuart G. Coughlan William R. Johnson Samuel E. Proctor[1] Clarence P. Scarborough William B. Settle
Chief of Orthopaedic Surgery Clinic	Allen Fiske Voshell
Assistant Orthopaedic Surgeons	John V. Hopkins Moses Gellman Henry F. Ullrich Milton J. Wilder Everett D. Jones
Chief of Genito-Urinary Clinic	W. Houston Toulson
Assistant Genito-Urinary Surgeons	W. A. H. Councill John F. Hogan Lyle J. Millan Morris A. Fine[1] Howard B. Mays
Director of Dermatology Clinic	Harry M. Robinson, Sr.
Chief of Dermatology Clinic	Harry M. Robinson, Jr.
Assistant Dermatologists	Francis A. Ellis Eugene S. Bereston A. Albert Shapiro Lester N. Kolman Benjamin Highstein Lucile Caldwell V. Harwood Link R. C. V. Robinson[1] Alfred H. Dann[1] John M. Seigel[1] Israel Zeligman[1] Mark B. Hollander[3]
Chief of Rhinology and Laryngology Clinic	Benjamin S. Rich
Assistant Rhinologists and Laryngologists	Thomas R. O'Rourk M. Baylus Frederick T. Kyper Samuel L. Fox John H. Hirschfeld[1]
Chief of Proctology Clinic	Monte Edwards
Assistant Proctologists	Thurston R. Adams Donald B. Hebb[1] William J. Supik[1]
Chief of Gynecology Clinic	J. Mason Hundley, Jr.
Assistant Chief of Gynecology Clinic	Beverley C. Compton

Assistant Gynecologists	Thomas S. Bowyer John C. Dumler John T. Hibbitts Ernest I. Cornbrooks, Jr. William B. Settle Kenneth B. Boyd W. Allen Deckert Everett S. Diggs Helen I. Maginnis William K. Diehl John S. Haught
Female Cystoscopists	J. Mason Hundley, Jr. Beverley C. Compton William K. Diehl
Chief of Dental Clinic	Brice M. Dorsey
Assistant Chief of Dental Clinic	Vernon D. Kaufman
Assistant Dentists	Carl E. Bailey[3] Samuel H. Bryant Edward C. Dobbs Eugene L. Pessagno Lewis C. Toomey[1]
Chief of Obstetrical Clinic	D. Frank Kaltreider
Assistant Chiefs of Obstetrical Clinic	Margaret B. Ballard J. Huff Morrison
Assistant Obstetricians	Dudley P. Bowe[3] Maxwell L. Mazer Jaroslav Hulla[3] Hugh B. McNally Jacob R. Jensen[3] J. Warren Albrittain[3] D. McClelland Dixon W. Kenneth Mansfield, Jr. Thomas S. Bowyer L. Calvin Gareis Oscar Hartman[3] Melvin D. Kappelman William A. Mitchell J. K. B. E. Seegar T. Edgie Russell, Jr. Irvin P. Klemkowski[3] Kenneth B. Boyd
Oncology Clinic, Gynecological Division	J. Mason Hundley, Jr. Beverley C. Compton John C. Dumler William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs

Oncology Clinic, Surgical Division	Grant E. Ward E. Eugene Covington J. Duer Moores Arthur G. Siwinski
Chief of Vascular Clinic	George H. Yeager
Assistant Chief of Vascular Clinic	George H. Brouillet
Medical Consultant-Vascular Clinic	Lewis P. Gundry
Chief of Ophthalmology Clinic	Henry F. Graff
Assistant Ophthalmologists	Frank A. Holden Milton C. Lang Jerome Snyder Frederick M. Reese
Directress, Occupational Therapy	Miss Frances F. Lewis
Directress, Social Service	Miss Mary Fitzpatrick

UNIVERSITY HOSPITAL DISPENSARY REPORT

July 1, 1945–June 30, 1946

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	107	2,126	2,233
Cardiology	116	1,255	1,371
Cystoscopy	74	393	467
Dermatology	4,304	9,834	14,138
Diabetic	58	576	634
Ear, Nose & Throat	934	900	1,834
Eye	1,136	3,041	4,177
Gastro-Intestinal	240	897	1,137
Genito-Urinary	454	979	1,433
Gynecology	1,460	4,318	5,778
Hematology	6	139	145
Medicine	1,274	3,270	4,544
Neurology	182	610	792
Obstetrics	1,639	11,049	12,688
Occupational Therapy	108	1,392	1,500
Oncology	195	953	1,148
Orthopedic	1,171	2,507	3,678
Pediatrics	1,588	7,297	8,885
Physiotherapy	145	923	1,068
Plastic Surgery	8	14	22
Proctology	152	153	305
Psychiatry	113	377	490
Surgery	2,954	6,724	9,678
Tuberculosis	126	621	747
Total	18,544	60,348	78,892

MERCY HOSPITAL

BOARD OF GOVERNORS

Walter D. Wise, *Chairman*

Sister M. Veronica
Sister M. Celeste
Sister M. Mildred
Sister M. Philip
Sister M. Vincent
Sister M. Helen

Henry F. Bongardt
H. Raymond Peters
Maurice C. Pincoffs
Waitman F. Zinn
Thomas K. Galvin
Edward P. Smith
Elliott H. Hutchins

MERCY HOSPITAL STAFF

Surgeon-in-Chief	Walter D. Wise
Surgeons	Elliott H. Hutchins Charles F. Blake F. L. Jennings R. W. Locher Thomas R. Chambers D. J. Pessagno William F. Rienhoff N. Clyde Marvel Henry F. Bongardt
Neurological Surgeons	Charles Bagley, Jr. Richard B. Coblentz James D. Arnold, Jr. Frank J. Otenasek John W. Chambers[1]
Associate Surgeons	I. O. Ridgely James W. Nelson Howard B. McElwain Simon H. Brager John A. O'Connor Charles W. Maxson I. Ridgeway Trimble Richard T. Shackelford Raymond F. Helfrich
Assistant Surgeons	Julius Goodman S. Demarco, Jr. T. J. Touhey William N. McFaul, Jr. Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi Wm. C. Dunnigan Harold H. Burns William L. Garlick John F. Schaeffer F. Ford Loker Patrick C. Phelan Kenneth C. Sharrets[1]

Plastic Surgeon	Edward A. Kitlowski Clarence P. Scarborough[1]
Consulting Ophthalmologist and Otologist	Harry Friedenwald
Ophthalmologists and Otologists	H. K. Fleck M. Raskin
Associate Ophthalmologists and Otologists	Joseph I. Kemler F. A. Pacienza
Assistant Ophthalmologists and Otologists	Joseph V. Jeppi F. Edwin Knowles, Jr.
Consulting Rhinologists and Laryngologists	W. Raymond McKenzie George W. Mitchell
Rhinologist and Laryngologist	Waitman F. Zinn
Associate Rhinologists and Laryngologists	Fayne A. Kayser Benjamin S. Rich Theodore A. Schwartz Birkhead Macgowan Benjamin H. Isaacs
Assistant Rhinologist and Laryngologist	Joseph V. Jeppi
Bronchoscopist	Waitman F. Zinn
Associate Bronchosopist	Fayne A. Kayser
Assistant Bronchoscopist	Theodore A. Schwartz
Proctologist	Charles F. Blake
Consulting Orthopaedic Surgeon	Albertus C. Cotton
Orhtopaedic Surgeon	H. L. Rogers
Associate Orthopaedic Surgeon	Henry F. Ullrich
Assistant Orthopaedic Surgeons	I. H. Maseritz J. H. Gaskel
Urologist	Kenneth D. Legge
Associate Urologists	Leon K. Fargo Francis W. Gillis
Dermatologists	Francis A. Ellis William D. Wolfe Eugene S. Bereston
Dentist	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Consulting Physician	Maurice C. Pincoffs
Physician-in-Chief	H. Raymond Peters
Physicians	Harvey G. Beck Thomas P. Sprunt George McLean J. Sheldon Eastland Louis A. M. Krause Thomas C. Wolff

Associate Physicians	Hubert C. Knapp Bartus T. Baggott Wetherbee Fort John E. Legge T. Nelson Carey Sol Smith Hugh J. Welch
Assistant Physicians	S. A. Tumminello J. Howard Burns Earl L. Chambers K. W. Golley William H. Kammer S. Edwin Muller John R. Davis, Jr. J. Emmett Queen Philip D. Flynn Frederick J. Vollmer
Associate Gastro-Enterologists	R. Frederick Leitz Theodore H. Morrison Maurice Feldman
Assistant Gastro-Enterologist	Ephraim T. Lisansky
Pediatricians	Edgar B. Friedenwald Frederick B. Smith
Associate Pediatrician	G. Bowers Mansdorfer
Assistant Pediatricians	William M. Seabold Jerome Fineman O. Walter Spurrier Israel P. Meranski Edward L. Frey, Jr.
Neurologist and Psychiatrist	Andrew C. Gillis
Associate Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner
Obstetrician-in-Chief	Edward P. Smith
Obstetricians	J. J. Erwin Thomas K. Galvin William S. Gardner Frank K. Morris Ernest S. Edlow Hugh B. McNally
Associate Obstetricians	William C. Duffy Charles H. Doeller, Jr.
Assistant Obstetricians	J. Howard Burns Harry F. Kane William A. Dodd Harry McB. Beck Joseph C. Sheehan William J. Rysanek, Jr. Robert B. Tunney

Consulting Gynecologist	William S. Gardner
Gynecologist-in-Chief	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris
Associate Gynecologists	Ernest S. Edlow George A. Strauss, Jr. H. L. Granoff
Assistant Gynecologists	Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan William J. Rysanek, Jr. Harry F. Kane Robert B. Tunney
Pathologists	Walter C. Merkel Hugh R. Spencer
Clinical Pathologist	H. T. Collenberg
Clinical Biochemist	Charles E. Brambel
Technicians	Sister Paula Marie Eleanor Behr Charlotte Schwalm Lillian Marie Lawler Elizabeth Johnson Carmela E. Miceli
Consulting Radiologist	Albertus Cotton
Radiologist	Asa D. Young
Assistant Radiologist	E. Eugene Covington
Technicians	Sister Paula Marie Eleanor Behr Elizabeth Johnson Carmela E. Miceli Lillian Butler Betty Wolfram Virginia Schwarz Julietta Perez
Technician (X-ray)	Ruth L. Gephardt

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the Mercy Hospital:

Five Residents in Surgery
Four Residents in Medicine
Resident in Pathology
Resident in Rhinology
Three Residents in Gynecology and Obstetrics
Twelve Interns on Rotating Service

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1. 1947–JUNE 30, 1948

RESIDENT STAFF

Michael L. DeVincentis, B.S., M.D., *Resident Surgeon*
William D. McClung, M.D., *Associate Resident Surgeon*
James G. Stegmaier, B.S., M.D., *Assistant Resident Surgeon*
Edward P. Smith, Jr., M.D., *Assistant Resident Surgeon*
David N. Sills, Jr., M.D., *Assistant Resident Surgeon*
Walter K. Spelsberg, B.S., M.D., *Resident Gynecologist*
Richard E. Hunter, A.B., M.D., *Resident Obstetrician*
William D. Gentry, Jr., M.D., *Assistant Resident Gynecologist and Obstetrician*
Richard A. Carey, B.S., M.D., *Resident Physician*
James J. Nolan, B.S., M.D., *Assistant Resident Physician*
Lawrence J. Knox, Jr., B.S., M.D., *Assistant Resident Physician*
Clarence E. McWilliams, Jr., A.B., M.D., *Assistant Resident Physician*
James J. Gerlach, A.B., M.D., *Resident Otolaryngologist*

RESIDENT INTERNS

Robert J. Johnson, M.D.
Harry B. Scott, M.D.
John G. Brickner III, B.S., M.D.
D. Otis Montgomery, A.B., M.D.
William F. Schnitzker, A.B., M.D.
Lane McD. Jernigan, B.S., M.D.
Elden H. Pertz, B.S., M.D.
Frank A. Faraino, B.S., M.D.
Henry V. Chase, B.S., M.D.
William R. Post, B.A., M.D.
Joseph F. Li Pira, B.S., M.D.

MERCY HOSPITAL DISPENSARY STAFF

Sister M. Agnesine, B.S., R.N. .... *Dispensary Director*

Supervisor of Surgical Clinic .... Raymond F. Helfrich

Assistant Supervisor of Surgical Clinic .... Harold H. Burns

Dispensary Surgeons	I. O. Ridgely
	H. F. Bongardt
	James W. Nelson
	I. Ridgeway Trimble
	Simon H. Brager
	S. Demarco, Jr.
	Richard T. Shackelford
	Howard L. Zupnik
	Daniel R. Robinson
	Joseph V. Jerardi
	William C. Dunnigan
	William L. Garlick
	John F. Schaefer
	F. Ford Loker
	Patrick C. Phelan
	Kenneth C. Sharrets[1]
Supervisor of Genito-Urinary Clinic	Kenneth D. Legge
Assistant Genito-Urinary Surgeons	L. K. Fargo
	Francis W. Gillis
	John S. Haines[1]
Supervisor of Orthopaedic Clinic	Harry L. Rogers
Orthopaedic Surgeons	Henry F. Ullrich
	I. H. Maseritz
	Jason H. Gaskel
Supervisors of Medical Clinic	H. Raymond Peters
	Maurice C. Pincoffs
Chiefs of Medical Clinic	Sol Smith
	S. Edwin Muller
Assistant Physicians	Milton Stein
	Irving Freeman
	Philip D. Flynn
	Frederick J. Vollmer
	William H. Kammer
	John R. Davis
	J. Emmett Queen
	Charles F. O'Donnell
	Joseph R. Guyther
Chief of Allergy Clinic	S. Edwin Muller
Chief of Cardiovascular Clinic	Thomas C. Wolff
Assistant Cardiologists	Leon Ashman
	Ephraim T. Lisansky
Chief of Metabolism Clinic	J. Sheldon Eastland
Assistant in Metabolism Clinic	
Gastro-Enterologist	Maurice Feldman
Assistant Gastro-Enterologist	Ephraim T. Lisansky
Chief of Pediatric Clinic	Edgar B. Friedenwald

Pediatricians	G. Bowers Mansdorfer Jerome Fineman George Bayley John W. Machen Israel T. Meranski O. Walter Spurrier Edward L. Frey, Jr.
Supervisor of Neurological and Psychiatric Clinic	Andrew C. Gillis
Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner George C. Mediary
Supervisor of Dermatology Clinic	Francis A. Ellis
Dermatologists	William D. Wolfe Eugene S. Bereston R. C. V. Robinson[1]
Oncologist	James W. Nelson
Chief of Gynecology Clinic	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris Ernest S. Edlow H. L. Granoff Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan William J. Rysanek Harry F. Kane Robert B. Tunney
Chief of Obstetrical Clinic	Edward P. Smith
Obstetricians	Harry F. Kane Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Robert B. Tunney William J. Rysanek, Jr.[1]
Esophagoscopist	Waitman F. Zinn
Associate Esophagoscopist	Fayne A. Kayser
Rhinologists and Laryngologists	Waitman F. Zinn Theodore A. Schwartz Benjamin H. Isaacs Ross C. Brooks

Ophthalmologists and Otologists	M. Raskin F. A. Pacienza Joseph V. Jeppi F. Edwin Knowles, Jr.
Supervisor of Proctology Clinic	Charles F. Blake
Proctologist	Simon H. Brager
Supervisor of Dental Clinic	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Supervisor of Physiotherapy Clinic	Leon Hannan
Assistant Physiotherapist	Alice R. Hannan
Social Workers	Sister M. Helen Anna Shawbaker
Secretaries	Eva Applegarth Peggy O'Neill

MERCY HOSPITAL DISPENSARY REPORT

Year of 1946

Department	*New Cases*	*Old Cases*	*Total*
Allergy	15	7	22
Bronchoscopic	254	605	859
Cardiology	3	127	130
Dental	42	31	73
Dermatology	186	451	637
Diabetic	12	328	340
Gastro-Intestinal	12	88	100
Genito-Urinary	91	773	864
Gynecology	274	619	893
Medicine	422	2,188	2,610
Neurology	71	402	473
Ophthalmology	141	271	412
Orthopaedics	79	257	336
Pediatrics	236	782	1,018
Physiotherapy	109	1,531	1,640
Postnatal	32	128	160
Prenatal	356	1,791	2,147
Proctology	28	75	103
Rhinolaryngology	305	581	886
Surgery	730	4,653	5,383
Surgical Follow-Up	87	237	324
Well Baby Clinic	69	52	121
Totals	3,554	15,977	19,531

THE BALTIMORE CITY HOSPITALS

STAFF, 1947–1948

Parker J. McMillin, *Superintendent*

Consulting Chief Surgeon	Arthur M. Shipley, M.D., D.Sc.
Surgeon-in-Chief	Thomas B. Aycock, B.S., M.D.
Physician-in-Chief, Acting	C. Holmes Boyd, M.D.
Physician-in-Chief, Radiology	Stanley H. Macht, B.S., M.D.
Physician-in-Chief, Tuberculosis Hospital	H. Vernon Langeluttig, M.D.
Obstetrician-in-Chief	Louis H. Douglass, M.D.
Pediatrician-in-Chief	Harold E. Harrison, B.S., M.D.
Pathologist-in-Chief	C. Gardner Warner, A.B., M.D.
Dental Surgeon-in-Chief	Lowell P. Henneberger, D.D.S.
Consultant in Psychiatry	Esther L. Richards, M.D.
Assistant Surgeon-in-Chief	Otto C. Brantigan, M.D.
Visiting Surgeons	James C. Owings, M.D. Harry C. Hull, Jr., M.D. I. Ridgeway Trimble, M.D. Amos Koontz, M.D.
Consultant in Traumatic Surgery	Charles A. Reifschneider, M.D.
Consultant in Peripheral Vascular Diseases	George H. Yeager, B.S., M.D.
Consultants in Plastic Surgery	Edward A. Kitlowski, M.D. Edward M. Hanrahan, Jr., M.D.
Assistant Visiting Surgeons	Harry C. Bowie, M.D. Thurston R. Adams, M.D.
Assistant Visiting Physician Tuberculosis	John H. Hirschfeld, M.D.
Visiting Obstetrician	J. G. M. Reese, M.D.
Assistant Visiting Obstetricians	George W. Anderson, M.D. J. William Dorman, M.D. C. Louis Gareis, M.D. D. Frank Kaltreider, M.D. John E. Savage, M.D. Gilbert J. Vosburgh, M.D.
Assistant Pediatrician-in-Chief	Wilson E. Hughes, M.D.
Visiting Pediatrician	Hans Bix, M.D.
Visiting Gynecologists	J. Mason Hundley, Jr., M.A., M.D. Beverly C. Compton, M.D. John C. Dumler, B.S., M.D. John T. Hibbitts, M.D.
Assistant Visiting Gynecologists	Ernest I. Cornbrooks, Jr., M.D. William K. Diehl, M.D.

Assistant Chief Physician	Howard K. Rathbun, M.D.
Visiting Physicians	Louis A. M. Krause, M.D. Charles C. W. Judd, M.D.
Assistant Visiting Physicians	Dean F. Davies, M.D. James O. Davis, M.D.
Assistant Visiting Ophthalmologist	Charles E. Iliff, M.D.
Visiting Orthopaedic Surgeons	Allen Fiske Voshell, A.B., M.D. Henry F. Ullrich, M.D., D.Sc.
Assistant Visiting Orthopaedic Surgeon	Milton J. Wilder, M.D.
Visiting Laryngologists	John E. Bordley, M.D. Thomas R. O'Rourk, M.D. Fred T. Kyper, M.D.
Assistant Visiting Laryngologist	John H. Hirschfeld, M.D.
Visiting Urologist	W. Houston Toulson, M.Sc., M.D.
Assistant Visiting Urologists	Hugh Jewett, M.D. Harry S. Shelley, M.D. Howard B. Mays, M.D.
Visiting Neurological Surgeons	Charles Bagley, Jr., M.A., M.D. Richard G. Coblentz, M.A., M.D. James G. Arnold, Jr., M.D.
Assistant Visiting Neurological Surgeon	Raymond K. Thompson, M.D.
Visiting Neurologist	J. W. Magladery, M.D.
Assistant Visiting Neurologist	George G. Merrill, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Visiting Oncologists	Grant E. Ward, A.B., M.D. Arthur G. Siwinski, M.D. Howard Jones, M.D.
Visiting Dermatologist	Franklin P. Grauer, M.D.
Visiting Dental Surgeon	H. Glenn Waring, D.D.S.
Assistant Visiting Dental Surgeon	Lawrence W. Bimestefer, D.D.S.
Visiting Laboratory Physician	Julius M. Waghelstein, M.D.
Physiologist	Nathan W. Shock, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

STAFF, 1947–1948

Surgeon-in-Chief and Medical Director	Allen Fiske Voshell, A.B., M.D.
Consultant in Orthopaedic Surgery and Roentgenology	Albertus Cotton, A.M., M.D.
Associate Orthopaedic Surgeons	Moses Gellman, B.S., M.D. Harry Rogers, M.D. Henry F. Ullrich, M.D. Winthrop M. Phelps, A.B., M.D.

Assistant Orthopaedic Surgeon	MILTON J. WILDER, M.D.
Plastic Surgeon	EDWARD A. KITLOWSKI, A.B., M.D.
Aurist and Laryngologist	BENJAMIN S. RICH, A.B., M.D.
Dentist	M. E. COBERTH, D.D.S.
Cardiologist	HELEN M. TAUSSIG, M.D.
Pediatrists	MARY L. HAYLECK, M.D. W. EARL WEEKS, M.D. GIBSON J. WELLS, M.D.
Consulting Surgeons	ARTHUR M. SHIPLEY, M.D., Sc.D. CHARLES REID EDWARDS, A.B., M.D. THOMAS B. AYCOCK, B.S., M.D.
Consulting Aurists and Laryngologists	FRANKLIN B. ANDERSON, M.D. EDWARD A. LOOPER, M.D., D.Oph.
Consulting Neurological Surgeon	CHARLES BAGLEY, JR., M.A., M.D.
Consulting Plastic Surgeon	JOHN STAIGE DAVIS, B.Sc., M.D.
Consulting Physician	THOMAS R. BROWN, A.B., M.D.
Consulting Dermatologists	HARRY M. ROBINSON, SR., M.D. LEON GINSBERG, M.D.
Consulting Neurologists	IRVING J. SPEAR, M.D. R. V. SELIGER, M.D.
Consulting Pediatrists	BENJAMIN TAPPAN, A.B., M.D. J. EDMUND BRADLEY, M.D.
Consulting Dentist	HARRY B. MCCARTHY, D.D.S.
Consulting Opthalmologists	HARRY FRIEDENWALD, A.B., M.D., D.H.L., D.Sc. WILLIAM TARUN, M.D.
Consulting Pathologist	HUGH R. SPENCER, M.D.
Consulting Roentgenologist	HENRY J. WALTON, M.D.
Resident Orthopaedic Surgeons	SAMUEL R. TERHUNE, M.D. GEORGE B. BARNES, M.D.
Superintendent	MISS MAUD M. GARDNER, R.N.
Dispensary and Social Service Nurse	MRS. EVELYN BYRD ZAPF, R.N.
Physical Therapists and X-ray Technician	MRS. JOAN BECK, P.T. REG. MRS. GEORGIANA WISONG
Occupational Therapist	MISS MURIEL ZIMMERMAN, O.T.
Instructor in Grammar School	MISS BERTHA SENDELBACK

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102 and two lecture halls.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and the Director of Admissions and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939–1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

Howard Rovelstad, A.B., M.A., B.S.L.S.	*Acting Director of Libraries*

Ida Marian Robinson, A.B., B.S.L.S.	*Librarian*
Mary Elizabeth Hicks, A.B., B.S.L.S.	*Assistant Librarian*
Florence R. Kirk	*Assistant Librarian*
Edith R. McIntosh, A.M., A.B.L.S.	*Cataloguer*
Charlotte Jubb	*Assistant to the Cataloguer*

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 27,800 volumes and several thousand pamphlets and reprints. Over three hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, a comfortable and commodious building in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

DISPENSARY BUILDING

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The office of the Medical School Physician is located in this building.

The Department of Art also occupies quarters here.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933–1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, ophthalmology, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service is particularly well arranged and provides accommodation for forty ward patients. This service, combined with an extensive home service, assures the student abundant obstetrical training.

During the year ending December 31, 1946, 2092 cases were delivered in the hospital and 675 cases in the outdoor department. Students in the graduating class observed at least thirty-five cases, each student being required to deliver at least ten patients in their homes.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 348 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.
The Hospital for Chronic Cases, 575 beds.
The Hospital for Tuberculosis, 280 beds.
Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 100 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1943 the out-patient visits numbered 18,989.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Application forms may be filed one calendar year before the next incoming class. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore-1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

(a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and

(b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in an approved college of arts and sciences. The quantity and quality of this course of study shall be not less than that required for recommendation by the institution where the college courses are being, or have been, studied.

The college curriculum shall include basic courses in

English
Biology
Inorganic Chemistry
Organic Chemistry
Physics
French or German

and such elective courses as will complete a balanced three-year schedule of study. The elective courses should be selected from the following three groups:

Humanities

- English (an advanced course in English composition should be taken, if possible)
- Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)
- Philosophy

Natural Sciences

- Vertebrate Embryology
- Comparative Vertebrate Anatomy
- Quantitative Analysis
- Physical Chemistry
- Mathematics

Social Sciences

- Economics
- History
- Political Science
- Psychology (a basic course is desirable)
- Sociology, etc.

Careful attention should be given to the selection of elective courses in the natural sciences. Accordingly, it is suggested that the elective list given above be a guide in this connection and that the remainder of the college credits be accumulated from courses designed to promote a broad cultural development. Students should avoid the inclusion of college courses in subjects that occur in the medical curriculum, for example, histology, histological technique, human anatomy, bacteriology, physiology, neurology, physiological chemistry.

It is not intended that these suggestions be interpreted to restrict the education of students who exhibit an aptitude for the natural sciences or to limit the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Professional Aptitude Test, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in all other respects give every promise of becoming successful students and physicians of high standing.

Those candidates for admission who are unconditionally accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of "C" or better, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement at College Park usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE STATUS OF STUDENTS*

Students who are minors are considered to be resident students if, at the time of their registration, the parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for at least one year, provided such residence has not been acquired while attending any school or college in Maryland.

The status of the residence of a student is determined at the time of his first registration in the university and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this state by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

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* The term "parents" includes persons who, by reason of death or other unusual circumstances, have been legally constituted the guardians of or stand in loco parentis to such minor students.

CURRENT FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year)—Residents of Maryland	450.00
Tuition fee (each year)—Non-Residents	600.00
Laboratory fee (each year)	25.00
Student health service fee (each year)	20.00
Maintenance and service fee (each year)	10.00
Student activities fee (each year)	5.00
Graduation fee	15.00
Re-examination fee (each subject)	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of $10.00 and of a deposit on tuition of $50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This $60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar at front of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee, the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of $5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office $5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

MAINTENANCE AND SERVICE FEE

This fee pays for the use of clothing lockers, and provides for library privileges and the maintenance of loan collections and of the student lounge and cafeteria. It also furnishes photographs for all departmental requests and for state board applications, pays room rent for the third year students when on outside obstetrics at Baltimore City Hospitals and furnishes the graduating students with invitations and tickets to the Pre-Commencement Exercises.

STUDENT ACTIVITIES FEE

This fee is used to maintain a recreational program for students of all classes in addition to supporting the activities of the Student Council.

PERSONAL EXPENSES

The following estimates of personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience. In addition to these the student must bear in mind the expenditure for a microscope.

	Low	*Average*	*Liberal*
Books	$50	$75	$100
College incidentals	20	20	20
Board, eight months	224	288	352
Room rent	144	184	216
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$513	$697	$913

STUDENT HEALTH SERVICE

T. Nelson Carey, M.D. . . . . Director, Student Health Service

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the school physician, Dr. T. N. Carey, in his office at the medical school, at 9 A.M. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculate is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within three months before entering the School of Medicine. Long study hours bring out unsuspected

eye defects which cause much loss of time and inefficiency in study if not corrected until after school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

ADVANCEMENT AND GRADUATION

1. All students are required to take the spring examinations unless excused by the Dean.
2. When a student has failures in two completed major courses, he or she shall be dropped from the rolls of the Medical School.
3. No student will be permitted to pass to a higher class with conditions.
4. Should a student be required to repeat any year in the course, he must pay regular fees.
5. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examinations in such other branches as may be required, should he again be permitted to enter the school as a candidate for graduation.
6. The general fitness of a candidate for graduation, as well as the results of his examinations, will be taken into consideration by the faculty.

EQUIPMENT

7. At the beginning of the first year, all students must be prepared to purchase microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp.

A standard microscope of either Bausch & Lomb, Leitz, Spencer, or Zeiss make, fitted with the following attachments, will meet the requirements:

> Oculars: 10 x and 5 x.
> Triple nose piece with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.
> Wide aperture stage with quick screw condenser.

All used microscopes are subject to inspection and approval before their use in the laboratory is permitted. The student is cautioned against the purchase of such an instrument before its official approval by the school.

8. Students in the second year class are required to provide stethoscopes.
9. Third- and fourth-year students are required to provide haemocytometers, opthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

10. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State certificates in the office of

the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

11. Each new matriculate in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

12. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of "C" or better for the work of his first year in the School of Medicine.

c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

13. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

Three-Day Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.–10 a.m.)

Special Rules or Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person.

Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

Three-Day Loans: 5¢ per day.

Overnight Loans: 5¢ per hour.

Lost Books: List price of the book. (Lost books should be reported at once)

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

PRIZES

THE FACULTY PRIZE

The faculty will award the gold medal and five certificates of honor to those six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed four months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value $100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Faculty Board "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value $100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value $100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value $125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Faculty Board, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Faculty Board to a student of the senior class in need of assistance who presents to the Faculty Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value $200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuroanatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value $300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value $150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value $125.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Faculty Board to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately $250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Faculty Board to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of $500.00 is now available to cover two (2) scholarships in the amount of $250.00 each for the scholastic year, beginning in 1945, as a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School in collaboration with the Scholarship and Loan Committee of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of $100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of $100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under thirteen departments.

1. Anatomy (including Histology and Embryology).

2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology.
12. Roentgenology.
13. Anaesthesiology.

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF GROSS ANATOMY

Eduard Uhlenhuth	Professor of Anatomy
Frank H. J. Figge	Professor of Experimental Anatomy
Vernon E. Krall	Associate Professor of Gross Anatomy
R. Dale Smith	Assistant Professor of Gross Anatomy
Karl F. Mech	Instructor in Gross Anatomy
Edmund B. Middleton	Weaver Fellow in Gross Anatomy[6]

Otto C. Brantigan	Professor of Surgical Anatomy
W. Wallace Walker	Assistant Professor of Surgical Anatomy
William B. Settle	Associate in Surgical Anatomy
Harry C. Bowie	Instructor in Surgical Anatomy
Herbert E. Reifschneider	Instructor in Surgical Anatomy
Ross Z. Pierpont	Assistant in Surgical Anatomy
Henry L. Rigdon	Assistant in Surgical Anatomy

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[6] June to September 9, 1947.

Gross Anatomy. *First Year.* First semester. Six lectures and conferences and seventeen laboratory hours a week during the first fourteen weeks; eleven lectures and conferences and twenty-seven laboratory hours a week during the following week.

This course comprises the dissection of the head, neck, chest, abdomen, pelvis and upper extremity; in addition, there is presented an extensive demonstration course of specially dissected preparations of the pelvis and perineum, and a separate lecture course on the peripheral nervous system. Members of the staff.

First Year. Second semester. One lecture and four laboratory hours a week during February and March, comprising the dissection of the lower extremity. Dr. Smith.

First semester	345 hours
Second semester	40 hours
Total	385 hours

Topographic and Surgical Anatomy. *Second Year.* The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the the study and practice of medicine and surgery. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods are given each week during the second semester. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Pierpont and Rigdon.

Total hours: 96.

Advanced Anatomy (*elective course*). Selected problems in gross anatomy. This course is intended to offer to the advanced medical student and the postgraduate student an opportunity of extending the knowledge secured in the prescribed anatomy courses. Drs. Uhlenhuth and Brantigan.

In addition to the above course, facilities for special anatomical problems are offered to the more advanced student and physician.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

Postgraduate Courses. Consult the description of postgraduate courses in gross anatomy and surgical anatomy.

DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY

Carl L. Davis	Professor of Anatomy
O. G. Harne	Associate Professor of Histology
John F. Lutz	Assistant Professor of Histology
[1]	Associate in Histology

First Year. The course in histology is divided equally between the study of the fundamental tissues and that of organs. Throughout the entire course the embryology of the part being studied precedes the study of the fully developed tissue. Thus embryology becomes a correlated part of the whole subject of microscopic anatomy and not an independent subject.

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[1] To be appointed

Each student is furnished a set of histological slides, previously prepared in our own laboratory, thus insuring a uniform and satisfactory quality of material for study and permitting the time of the student to be expended in the study of material rather than in the technic of its preparation. The object of the course is to present the evidence of function as shown by the structure of tissues and organs. Drs. Davis, Lutz and Harne.

An optional laboratory course is offered. This supplements the required course giving laboratory experience which can not be incorporated in the former. No added charge is made for the course.

Total hours: 150.

NEURO-ANATOMY

First Year. Neuro-anatomy embraces a study of the fundamental structure of the central nervous system as applied to its function. An abundance of material permits of individual dissection of the human brain. A series of appropriately stained sections of the human brain stem is furnished each student for the microscopic study of the internal structure of the nervous system. Drs. Davis, Lutz and Harne.

Total hours: 100.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHYSIOLOGY

William R. Amberson	Professor of Physiology
Dietrich Conrad Smith	Associate Professor of Physiology
Rubert S. Anderson	Assistant Professor of Physiology
Robert H. Oster	Professor of Physiology, School of Dentistry
Mary E. Chinn	Instructor in Physiology
June Linda Snyder	Assistant in Physiology

The work in physiology is given in two separate courses:

First Year. Second Semester. A course in neurophysiology is presented in two lectures a week, without laboratory work.

Second Year. First Semester. The remainder of the subject is presented in three lectures, one conference, and two laboratory periods a week.

The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel	Professor of Bacteriology
James G. McAlpine	Associate Professor of Bacteriology
H. Edmund Levin	Associate in Bacteriology
Henry F. Buettner	Instructor in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 120.
Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie	Professor and head of Biological Chemistry
Emil G. Schmidt	Professor of Biological Chemistry
Glenn S. Weiland	Assistant Professor of Biological Chemistry
Ann Virginia Brown	Instructor in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHARMACOLOGY

John C. Krantz, Jr.	Professor of Pharmacology
C. Jelleff Carr	Associate Professor of Pharmacology
Harry K. Iwamoto	Assistant Professor of Pharmacology
Joseph G. Bird	Assistant and Fellow in Pharmacology.
Ruth Musser	Instructor in Pharmacology
Stephen Krop	Lecturer in Pharmacology
Leonard Karel	Lecturer in Pharmacology
William G. Harne	Demonstrator in Pharmacology
Frederick K. Bell	U. S. Pharmacopoeia Fellow
Elaine Gaby	Emerson Fellow in Pharmacology
Mary J. Sauerwald	Emerson Fellow in Pharmacology
Edward B. Truitt, Jr.	Markle Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer	Professor of Pathology
Robert B. Wright	Associate Professor of Pathology
C. Gardner Warner	Associate Professor of Pathology
Walter C. Merkel	Associate Professor of Pathology
Albert E. Goldstein	Assistant Professor of Pathology
Dexter L. Reimann	Assistant Professor of Pathology
John A. Wagner	Assistant Professor of Pathology
Howard J. Maldeis	Associate in Pathology
Milton S. Sacks	Associate in Pathology
Benedict Skitarelic	Associate in Pathology
Conrad B. Acton	Instructor in Pathology
Howard B. Mays	Instructor in Pathology
Ephraim T. Lisansky	Instructor in Pathology
D. McClelland Dixon	Instructor in Pathology
William B. VandeGrift	Instructor in Pathology
Karl V. Mech	Instructor in Pathology
Seymour W. Rubin	Instructor in Pathology
William T. Raby	Assistant in Pathology
William J. Bryson	Assistant in Pathology
Isaac C. Wright	Assistant in Pathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

General Pathology. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

AUTOPSIES. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

CLINICAL-PATHOLOGICAL CONFERENCE. (*Fourth Year.*) These exercises are held in collaboration with the Department of Medicine. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

DEPARTMENT OF MEDICINE

MAURICE C. PINCOFFS	Professor of Medicine
G. CARROLL LOCKARD	Professor of Clinical Medicine
THOMAS P. SPRUNT	Professor of Clinical Medicine
H. RAYMOND PETERS	Professor of Clinical Medicine
LOUIS A. M. KRAUSE	Professor of Clinical Medicine
T. NELSON CAREY	Professor of Clinical Medicine
PAUL W. CLOUGH	Associate Professor of Medicine
WALTER A. BAETJER	Associate Professor of Medicine
WILLIAM S. LOVE, JR.	Associate Professor of Medicine
THOMAS C. WOLFF	Associate Professor of Medicine
HOWARD M. BUBERT	Associate Professor of Medicine
J. SHELDON EASTLAND	Associate Professor of Medicine
MILTON S. SACKS	Associate Professor of Medicine
LEWIS P. GUNDRY	Associate Professor of Medicine
WILLIAM H. SMITH	Associate Professor of Clinical Medicine
HOWARD J. MALDEIS	Associate Professor of Legal Medicine
GEORGE MCLEAN	Assistant Professor of Medicine
WETHERBEE FORT	Assistant Professor of Medicine
FRANK J. GERAGHTY	Assistant Professor of Medicine
H. VERNON LANGELUTTIG	Assistant Professor of Medicine
SOL SMITH	Assistant Professor of Medicine
EDWARD F. COTTER	Assistant Professor of Medicine
THEODORE E. WOODWARD	Assistant Professor of Medicine
E. H. TONOLLA	Associate in Medicine
SAMUEL LEGUM	Associate in Medicine
ROBERT A. REITER	Associate in Medicine
W. GRAFTON HERSPBERGER	Associate in Medicine
MEYER W. JACOBSON	Associate in Medicine
CONRAD B. ACTON	Associate in Medicine
IRVING FREEMAN	Associate in Medicine
FRANCIS G. DICKEY	Associate in Medicine
C. EDWARD LEACH	Associate in Medicine
LAWRENCE M. SERRA	Associate in Medicine
MARIE A. ANDERSCH	Associate in Medicine
HARRY M. ROBINSON, JR.	Associate in Medicine
WILLIAM K. WALLER	Associate in Medicine
EPHRAIM T. LISANSKY	Associate in Medicine
SAMUEL T. R. REVELL	Associate in Medicine

Arthur Karfgin	Associate in Medicine
M. Paul Byerly	Associate in Medicine
David Tenner	Instructor in Medicine
Philip D. Flynn	Instructor in Medicine
Edward S. Kallins	Instructor in Medicine
John A. Myers	Instructor in Medicine
Kurt Levy	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
M. Paul Padget	Instructor in Medicine
Leon Ashman	Instructor in Medicine
S. Edwin Muller	Instructor in Medicine
Joseph E. Muse, Jr.	Instructor in Medicine
Daniel Wilfson, Jr.	Instructor in Medicine
William H. Kammer, Jr.	Instructor in Medicine
Leslie Harrell Pierce	Instructor in Medicine
Samuel J. Hankin	Instructor in Medicine
Frederick J. Vollmer	Instructor in Medicine
Louis J. Kroll	Instructor in Medicine
John R. Davis	Instructor in Medicine
John Z. Bowers	Instructor in Medicine
Wilfred H. Townshend	Instructor in Medicine
Alvin J. Hartz	Instructor in Medicine
Timothy Callahan	Instructor in Medicine
Morris Fine	Assistant in Medicine
Samuel Snyder	Assistant in Medicine
Joseph B. Gross	Assistant in Medicine
James R. Karns	Assistant in Medicine
L. Ann Hellen	Assistant in Medicine
Audry M. Funk	Assistant in Medicine
Rollin C. Hudson	Assistant in Medicine
Stephen J. Van Lill, 3rd	Assistant in Medicine
J. Douglas Lockard	Assistant in Medicine
Franklin E. Leslie	Assistant in Medicine
Sholom O. Waife	Assistant in Medicine
Thomas L. Worsley	Assistant in Medicine
John B. DeHoff	Assistant in Medicine
Adam Swiss	Assistant in Medicine
John W. Osborne	Assistant in Medicine

GENERAL OUTLINE

Second Year

Introduction to clinical medicine.

(a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)

(b) Medical clinics. (1 hour a week, second semester.)

Third Year

I. The methods of examination (13 hours a week). (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.

These subjects are taught and practiced in the hospital out-patient department and in the clinical laboratory.

II. The principles of medicine (200 hours).
  (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics psychiatry and preventive medicine.
III. The principles of therapeutics (15 hours). Lectures and demonstrations.

Fourth Year

The practice of medicine.

I. Clinical clerkship on the medical wards. (26 hours a week for ten weeks.)
  (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
  (b) Ward classes in general medicine, the medical specialties, and therapeutics.
II. Clinics in general medicine and the medical specialties. (6 hours a week.)
III. Dispensary work in the medical specialties.
IV. Clinical-pathological conferences (1 hour a week).

MEDICAL DISPENSARY WORK

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

PHYSICAL DIAGNOSIS

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs. Dr. McLean.

Third Year. The class is divided into small groups and each section receives instruction for two hours daily for ten weeks. This course is given at the Baltimore City Hospitals. The large clinical material there is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases. A course of lectures (1 hour a week) on physical diagnosis supplements the practical work in this subject. Drs. Wolff, Reiter, Ashman, Kroll, Legum and Wilfson.

THERAPEUTICS

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Students attend therapeutic ward rounds once a week throughout their medical trimester.

TROPICAL MEDICINE

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

CARDIOLOGY

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

During the fourth year an elective course in cardiology is offered at the Mercy Hospital. The course occupies one and one-half hours weekly. Physical diagnosis, electocardiography and the therapeutic management of cardiac cases are stressed.

Elective out-patient work is available also to members of the fourth year class in the cardiac clinic of the University Hospital.

SYPHILIS

Third Year. During the third year the subject of syphilis is dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis is offered in the dispensary.

CLINICAL PATHOLOGY

Milton S. Sacks	Associate Professor of Medicine and Head of Department of Clinical Pathology
Sol Smith	Assistant Professor of Medicine
Marie A. Andersch	Biochemist, University Hospital, Associate in Medicine
S. Edwin Muller	Instructor in Medicine
John A. Wagner	Assistant in Medicine
L. Ann Hellen	Assistant in Medicine
Audrey M. Funk	Assistant in Medicine

Third Year. First and second semesters. The course in Clinical Pathology is designed to train the student in the third year in the performance and interpretation of fundamental diagnostic laboratory procedures used in clinical medicine.

During the first semester the work is devoted to a thorough consideration of diseases of the hematopoietic system. In the second semester, in connection with laboratory work in urinalysis, gastric analysis, hepatic, pancreatic and renal functions, thorough discussion of underlying biochemical and physiological mechanisms is undertaken. During this semester examination of cerebrospinal fluid, transudates and exudates is also included. Elements of clinical parasitology round out the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128.

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independently of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Theodore H. Morrison	Clinical Professor of Gastro-Enterology
Maurice Feldman	Assistant Professor of Gastro-Enterology
Zachariah Morgan	Assistant Professor of Gastro-Enterology
Samuel Morrison	Assistant Professor of Gastro-Enterology
Francis G. Dickey	Associate in Medicine
Z. Vance Hooper	Associate in Gastro-Enterology
Albert J. Shochat	Instructor in Gastro-Enterology
Alfred S. Lederman	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Clinics and demonstrations are given to the class for one hour a week; dispensary instruction to small groups throughout the entire session. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

PSYCHIATRY

Ross McC. Chapman	Professor of Psychiatry
Ralph P. Truitt	Professor of Clinical Psychiatry
H. W. Newell	Associate Professor of Psychiatry
Harry M. Murdock	Assistant Professor of Psychiatry
Philip S. Wagner	Assistant Professor of Psychiatry
Hans W. Loewald	Assistant Professor of Psychiatry
William W. Elgin	Associate in Psychiatry
Kathryn L. Schultz	Associate in Psychiatry
A. Russell Anderson	Instructor in Psychiatry
J. G. N. Cushing	Instructor in Psychiatry
Francis J. McLaughlin	Instructor in Psychiatry
Samuel Novey	Instructor in Psychiatry
Harold L. Vyner	Instructor in Psychiatry
Joseph H. Marshall	Instructor in Psychiatry
Richard H. Pembroke, Jr.	Instructor in Psychiatry

First Year. The 16 lecture hours will be devoted largely to a discussion of factors influencing the formation of character and the deviations in personality falling within the range of "normal." The usual endogenous and environmental experiences which provide critical periods during the life of an individual will be chronologically presented. Basic psychological concepts and psycho-dynamics will be reviewed. The methods of psychiatry with reference to the life history, mental status examination, and psychometric testing will be outlined and demonstrated.

Second Year. Fourteen 2-hour lecture demonstrations on psychopathology will introduce the student to personality deviations considered "abnormal." The mental status examination will be demonstrated in detail. The major and minor psychoses will be presented in terms of the psycho-dynamics of symptoms and reactoin types. The student will be expected, at the conclusion of the year, to be familiar with the psychopathology and clinical characteristics of the usual psychiatric problems.

Third Year. The 16 lecture hours will be devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment will be reviewed, but the main emphasis will be toward familiarizing the student with forms of therapy feasible in routine medical practice. During the 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A series of 10 lecture demonstrations will serve to summarize previous instruction and to appraise the student's insight into psychopathology, the recognition of clinical syndromes, and their management. Characteristic reaction types will be demonstrated and discussed largely as concerns probable etiology and possible preventive measures. The relationship of mental illness to the major problems of social upheaval, economic, and other sources of insecurity will be considered.

PEDIATRICS

C. Loring Joslin	Professor of Pediatrics
Edgar B. Friedenwald	Professor of Clinical Pediatrics
Harold E. Harrison	Associate Professor of Pediatrics
Frederick B. Smith	Associate Clinical Professor of Pediatrics
J. Edmund Bradley	Associate Clinical Professor of Pediatrics
Albert Jaffe	Associate Clinical Professor of Pediatrics
A. H. Finkelstein	Associate Clinical Professor of Pediatrics
Samuel S. Glick	Assistant Professor of Pediatrics
Clewell Howell	Associate in Pediatrics
G. Bowers Mansdorfer	Associate in Pediatrics
Jerome Fineman	Associate in Pediatrics
Gibson J. Wells	Associate in Pediatrics
Arnold F. Lavenstein	Instructor in Pediatrics
Mary L. Hayleck	Instructor in Pediatrics
Israel P. Meranski	Instructor in Pediatrics
William Earl Weeks	Assistant in Pediatrics
J. Carlton Wich	Assistant in Pediatrics
A. Robert Marks	Assistant in Pediatrics
Elta C. Link	Assistant in Pediatrics
Walter Spurrier	Assistant in Pediatrics
Joseph M. Cordi	Assistant in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. An amphitheatre clinic is given at which patients are shown to demonstrate the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems concerning diagnosis, care, treatment and clinical pathology of the diseases of infants and children. (30 hours.)

Students are assigned subjects for the preparation of theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory work, and following up the patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day being devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under supervision of one of the staff instructors. (45 hours.)

Total hours: 300.

NEUROLOGY

ANDREW C. GILLIS	Professor of Neurology
LEON FREEDOM	Associate Professor of Neurology
PHILIP F. LERNER	Assistant Professor of Neurology
WILLIAM L. FEARING	Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. A clinical conference one hour each week is given to the whole class at the University and Mercy Hospitals. All patients presented at these clinics are carefully examined. Complete written records are made by the students who demonstrate the patients before the class. The patients are usually assigned one or two weeks before they are presented, and each student in the class must study and present one or more patients during the year.

Ward Class Instruction. Nine hours of instruction are given to each student in small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the patients in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

HYGIENE AND PUBLIC HEALTH

Huntington Williams	Professor of Hygiene and Public Health
William H. F. Warthen	Associate Professor of Hygiene and Public Health
Ross Davies	Associate Professor of Hygiene and Public Health
Horace Hodes	Associate Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Six one-hour lectures are given to the whole class scattered through the year on important public health procedures such as maternal and child hygiene, sewage disposal, vital statistics, interstate and international quarantine and research in public health. Elective work is also assigned at Sydenham Hospital, the one-hundred bed communicable disease hospital of the City Health Department, and at its Western Health District, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

LEGAL MEDICINE

Howard J. Maldeis	Associate Professor of Legal Medicine Chief Medical Examiner, Maryland

Third Year. This course embraces a summary of some of the following: Proceedings in criminal and civil prosecution, medical evidence and testimony, identity and its general relations, rape, criminal abortions, signs of death, wounds in their medico-legal relations, natural and homicidal death, malpractice, insanity, and medico-legal autopsies, including poisoning.

Total hours: 4.

DEPARTMENT OF SURGERY

Arthur M. Shipley	Professor of Surgery
Walter D. Wise	Professor of Surgery
Charles Reid Edwards	Professor of Surgery

Elliott H. Hutchins	Professor of Surgery
Thomas B. Aycock	Professor of Clinical Surgery
F. L. Jennings	Professor of Clinical Surgery
D. J. Pessagno	Professor of Clinical Surgery
Monte Edwards	Clinical Professor of Surgery
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thomas R. Chambers	Associate Professor of Surgery
R. W. Locher	Associate Professor of Clinical Surgery
Edward S. Johnson	Associate Professor of Surgery
N. Clyde Marvel	Associate Professor of Surgery
Grant E. Ward	Associate Professor of Surgery
Cyrus F. Horine	Associate Professor of Surgery
Charles W. Maxson	Associate Professor of Surgery
George H. Yeager	Associate Professor of Surgery
C. W. Peake	Associate Professor of Surgery
Otto C. Brantigan	Associate Professor of Surgery
Harry C. Hull	Associate Professor of Surgery
H. F. Bongardt	Assistant Professor of Surgery
I. O. Ridgely	Assistant Professor of Surgery
James W. Nelson	Assistant Professor of Surgery
I. Ridgeway Trimble	Assistant Professor of Surgery
Richard T. Shackelford	Assistant Professor of Surgery
Simon H. Brager	Assistant Professor of Surgery
Thurston R. Adams	Assistant Professor of Surgery
W. Wallace Walker	Assistant Professor of Surgery
Raymond F. Helfrich	Associate in Surgery
E. Eugene Covington	Associate in Surgery
Luther E. Little	Associate in Surgery
William B. Settle	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
William F. Rienhoff, Jr.	Associate in Surgery
George Govatos	Associate in Surgery
Joseph V. Jerardi	Associate in Surgery
Henry L. Rigdon	Associate in Surgery
Joseph M. Miller	Lecturer in Surgery
E. M. Hanrahan	Instructor in Surgery
J. Duer Moores	Instructor in Surgery
Calvin Hyman	Instructor in Surgery
Clyde F. Karns	Instructor in Surgery
Daniel R. Robinson	Instructor in Surgery
Herbert E. Reifschneider	Instructor in Surgery
George H. Brouillet	Instructor in Surgery
Harry C. Bowie	Instructor in Surgery
William L. Garlick	Instructor in Surgery
Stuart G. Coughlan	Instructor in Surgery
Harold H. Burns	Instructor in Surgery
John F. Schaefer	Instructor in Surgery
Robert F. Healy	Instructor in Surgery
Robert C. Sheppard	Instructor in Surgery
Samuel E. Proctor	Instructor in Surgery

William R. Geraghty	Assistant in Surgery
Howard B. McElwain	Assistant in Surgery
A. V. Buchness	Assistant in Surgery
T. J. Touhey	Assistant in Surgery
Samuel H. Culver	Assistant in Surgery
Albert R. Wilkerson	Assistant in Surgery
L. T. Chance	Assistant in Surgery
W. Allen Deckert	Assistant in Surgery
F. Ford Loker	Assistant in Surgery
Patrick C. Phelan, Jr.	Assistant in Surgery
E. Roderick Shipley	Assistant in Surgery
Preston R. Cutler	Assistant in Surgery
James W. Hendrick	Assistant in Surgery
William C. Dunnigan	Assistant in Surgery
Howard L. Zupnik	Assistant in Surgery
Raymond M. Cunningham	Assistant in Surgery
Edwin H. Stewart, Jr.	Assistant in Surgery
Kenneth C. Sharrets	Assistant in Surgery
John W. Chambers	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

Topographic and Surgical Anatomy. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider and Rigdon.

Total hours: 96.

Principles of Surgery. *Second semester.* This course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Aycock and Bowie.

THIRD YEAR

General and Regional Surgery. Lectures, recitations and clinics on the principles of surgery, general surgery including fractures and dislocations are given three hours a week to the whole class. Drs. C. R. Edwards and Hull.

The class is divided into groups and receives instruction in history-taking and surgical pathology under the supervision of the chief of the pathologic department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at this institution by Drs. Aycock, C. A. Reifschneider, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

Operative Surgery. Two courses in operative surgery are given under the supervision of Dr. Yeager assisted by Drs. Ullrich, Peake, Brager, Mays, Govatos, Jerardi, Karns, Robinson, Brouillet, Healy and Deckert. The class is divided into sections and each section is given practical and individual work under the supervision of the instructors.

Surgical Out-patient Department. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Coughlan assisted by the out-patient staff.

FOURTH YEAR

Clinics. A weekly clinic is given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. Wise. University Hospital—Dr. Shipley.

Surgical Pathology. At Mercy Hospital. Specimens from the operating room and museum are studied in the gross and microscopically in relation to the case history. 14 hours. Dr. Pessagno.

Surgery of the Chest. At Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Gailick.

Traumatic Surgery. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

Clinical Clerkship. This work includes the personal study of assigned hospital patients, under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Blake, Pessagno, Nelson, Trimble, Brager and Jerardi. University Hospital—Drs. Shipley, C. Reid Edwards and Aycock.

DERMATOLOGY

Harry M. Robinson, Sr	Professor of Dermatology
Francis A. Ellis	Assistant Professor of Dermatology
Harry M. Robinson, Jr	Assistant Professor of Dermatology
Eugene S. Bereston	Associate in Dermatology
A. Albert Shapiro	Associate in Dermatology
Israel Zeligman	Associate Instructor in Dermatology
Lester N. Kolman	Instructor in Dermatology
Lucile J. Caldwell	Instructor in Dermatology
Mark B. Hollander	Instructor in Dermatology
Benjamin Highstein	Instructor in Dermatology
R. C. V. Robinson	Instructor in Dermatology
V. Harwood Link	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of demonstrations of the common skin diseases and venereal diseases given throughout the year by Dr. Robinson and staff. A weekly lecture-demonstration is given to the whole senior class by Dr. Robinson and Dr. Ellis.

Daily demonstrations and conferences are carried on by the out-patient staff in the dermatologic clinic involving both skin diseases and venereal diseases.

Third year	15 hours
Fourth Year	49 hours
Total	64 hours

ORTHOPAEDIC SURGERY

Allen Fiske Voshell	Professor of Orthopaedic Surgery
Compton Riely	Clinical Professor of Orthopaedic Surgery
Harry L. Rogers	Clinical Professor of Orthopaedic Surgery
Moses Gellman	Associate Professor of Orthopaedic Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
I. H. Maseritz	Associate in Orthopaedic Surgery
Milton J. Wilder	Instructor in Orthopaedic Surgery
Jason H. Gaskel	Instructor in Orthopaedic Surgery
John V. Hopkins	Assistant in Orthopaedic Surgery

Didactic, clinical, bedside and out-patient instruction is given in the fourth year at the University and Mercy Hospitals and Dispensaries, Kernan Hospital for Crippled Children at Dickeyville and Baltimore City Hospitals. Instruction is also given in the third year in small groups at the Baltimore City Hospitals.

Weekly lectures throughout the year present all phases of orthopaedic surgery except fractures; brief discussions and demonstrations of physical therapy are included.

Fourth year groups are given more intimate instruction biweekly at one of the above institutions; fracture cases are included here.

Third year	60 hours
Fourth year	90 hours
Total	150 hours

RHINOLOGY AND LARYNGOLOGY

Edward A. Looper	Professor of Rhinology and Laryngology
Waitman F. Zinn	Clinical Professor of Rhinology and Laryngology
Franklin B. Anderson	Associate Professor of Rhinology and Laryngology
Thomas R. O'Rourk	Associate Professor of Rhinology and Laryngology
Benjamin S. Rich	Associate Professor of Rhinology and Laryngology
W. Raymond McKenzie	Associate in Rhinology and Laryngology
Fayne A. Kayser	Associate in Rhinology and Laryngology
Theodore A. Schwartz	Associate in Rhinology and Laryngology
Frederick T. Kyper	Associate in Rhinology and Laryngology
Samuel L. Fox	Associate in Rhinology and Laryngology
Benjamin H. Isaacs	Instructor in Rhinology and Laryngology
Robert Z. Berry	Assistant in Rhinology and Laryngology
John H. Hirschfeld	Assistant in Rhinology and Laryngology

Third Year. Instruction to whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for seven weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for one and one-half hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year	9 hours
Fourth year	53 hours
Total	62 hours

GENITO-URINARY SURGERY

W. Houston Toulson	Professor of Genito-Urinary Surgery
Kenneth D. Legge	Professor of Clinical Genito-Urinary Surgery
Howard B. Mays	Assistant Professor of Genito-Urinary Surgery
Francis W. Gillis	Assistant Professor of Genito-Urinary Surgary
Austin H. Wood	Associate in Genito-Urinary Surgery
Lyle J. Millan	Associate in Genito-Urinary Surgery
L. K. Fargo	Associate in Genito-Urinary Surgery
John F. Hogan	Associate in Genito-Urinary Surgery
W. A. H. Councill	Associate in Genito-Urinary Surgery
Hugh Jewett	Assistant in Genito-Urinary Surgery
Morris A. Fine	Assistant in Genito-Urinary Surgery
John S. Haines	Assistant in Genito-Urinary Surgery

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course in this year includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student here is placed much on his own responsibility in arriving at a diagnosis. Members of the staff are in constant attendance for consultations. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	8 hours
Fourth year	64 hours
Total	72 hours

PROCTOLOGY

Charles F. Blake	Professor of Proctology
Monte Edwards	Clinical Professor of Proctology
Thurston R. Adams	Assistant Professor of Proctology
Simon H. Brager	Associate in Proctology
Donald B. Hebb	Assistant in Proctology
William T. Supik	Assistant in Proctology
Raymond M. Cunningham	Assistant in Proctology

Third Year. Seven lectures are given to the whole class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Brager. University Hospital—Drs. Monte Edwards and Adams.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

OTOLOGY

Thomas R. O'Rourk	Clinical Professor of Otology
Franklin B. Anderson	Associate Professor of Otology
Benjamin S. Rich	Associate in Otology
William A. Parr	Instructor in Otology
Frederick T. Kyper	Instructor in Otology
Samuel L. Fox	Instructor in Otology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

Third year	12 hours
Fourth year	40 hours
Total	52 hours

NEUROLOGICAL SURGERY

Charles Bagley, Jr.	Professor of Neurological Surgery
Richard G. Coblentz	Clinical Professor of Neurological Surgery
James G. Arnold, Jr.	Associate Professor of Neurological Surgery
John A. Wagner	Assistant Professor of Pathology and Neuropathology
Raymond K. Thompson	Assistant in Neurological Surgery
Frank J. Otenasek	Assistant in Neurological Surgery
John W. Chambers	Assistant in Neurological Surgery
Robert M. N. Crosby	Fellow in Neurological Surgery

Third Year. The course covers instruction in diagnosis and treatment of surgical conditions of the brain, spinal cord and the peripheral nerves. Drs. Bagley, Coblentz, Arnold and Thompson.

Fourth Year. Weekly ward rounds and conferences are given at the University Hospital. Drs. Bagley, Coblentz, Arnold and Thompson.

Third year	12 hours
Fourth year	30 hours
Total	42 hours

ONCOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Grant E. Ward	Associate Professor of Surgery
Beverley C. Compton	Associate in Gynecology
John C. Dumler	Associate in Gynecology
E. Eugene Covington	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
J. Duer Moores	Instructor in Surgery
Ernest I. Cornbrooks, Jr.	Instructor in Gynecology
William K. Diehl	Instructor in Gynecology
Everett S. Diggs	Assistant in Gynecology
Edwin H. Stewart, Jr.	National Cancer Institute Trainee
James W. Hendrick	National Cancer Institute Trainee

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third Year: An out-patient clinic is held twice weekly, which affords an opportunity for instruction in small groups of students assigned in rotation from the general surgical and gynecological sections. The gynecological problems are under the supervision of Dr. Hundley and the general surgical conditions are under the direction of Dr. Ward.

In addition to dispensary work, five lectures in general oncology are given by Dr. Ward to the entire class at the end of the year. The increasing importance of the cancer problem throughout the State, Nation and civilized world is emphasized. An introduction to the history, physics and practical application of radium is given. The diagnosis and treatment, both surgical and radiological, of neoplasms of the head and neck, oral cavity, skin, breasts and hemopoietic system are also covered.

Fourth Year: Each ward class meets for one and one-half hours once a week for five weeks with Dr. Ward and staff for demonstration and discussion of patients with neoplastic diseases.

Dr. Hundley and staff give instructions in the diagnosis and treatment of cancer of the generative organs during the regular gynecological courses in addition to the above mentioned dispensary instruction.

Third year	8 hours
Fourth year	16 hours
Total	24 hours

DENTISTRY

[1]Brice M. Dorsey	Professor of Oral Surgery
Harry M. Robinson, Sr.	Professor of Dermatology
[1]Edward C. Dobbs	Professor of Pharmacology
Frederick C. Dye	Professor of Anaesthesiology

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[1] Faculty member, School of Dentistry.

[1]Vernon D. Kaufman	Associate Professor of Oral Surgery
[1]J. Herbert Wilkerson	Associate Professor of Oral Surgery
Grant E. Ward	Associate Professor of Oral Surgery
George McLean	Assistant Professor of Medicine
[1]Samuel H. Bryant	Instructor in Oral Diagnosis
[1]Eugene L. Pessagno	Instructor in Operative Dentistry
[1]Lewis C. Toomey	Instructor in Oral Surgery

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

INDUSTRIAL MEDICINE AND SURGERY

G. Carroll Lockard	Professor of Clinical Medicine
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thurston R. Adams	Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 48.

FIRST AID INSTRUCTION

Instruction consists of lectures combined with practical demonstrations and actual practice by students for one hour a week for ten weeks during the second semester of the Freshman Year.

PLASTIC SURGERY

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Clarence P. Scarborough	Assistant in Plastic Surgery
Edwin H. Stewart, Jr.	Assistant in Plastic Surgery
James W. Hendrick	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

DEPARTMENT OF OBSTETRICS

Louis H. Douglass	Professor of Obstetrics
J. McFarland Bergland	Associate Professor of Obstetrics
Emil Novak	Associate Professor of Obstetrics
J. G. M. Reese	Associate Professor of Obstetrics
M. Alexander Novey	Assistant Professor of Obstetrics
Isadore A. Siegel	Assistant Professor of Obstetrics
John E. Savage	Assistant Professor of Obstetrics
Margaret B. Ballard	Associate in Obstetrics
Hugh B. McNally	Associate in Obstetrics
D. McClelland Dixon	Associate in Obstetrics
D. Frank Kaltreider	Associate in Obstetrics
Frank K. Morris	Instructor in Obstetrics
J. Huff Morrison	Instructor in Obstetrics
Kenneth B. Boyd	Assistant in Obstetrics
Thomas S. Bowyer	Assistant in Obstetrics
Maxwell L. Mazer	Assistant in Obstetrics
W. Kenneth Mansfield, Jr.	Assistant in Obstetrics
George H. Davis	Assistant in Obstetrics
Charles H. Doeller, Jr.	Assistant in Obstetrics
J. King B. E. Seegar, Jr.	Assistant in Obstetrics
Schuyler G. Kohn	Assistant in Obstetrics
John H. Morrison	Assistant in Obstetrics
Melvin D. Kappelman	Assistant in Obstetrics
William A. Mitchell	Assistant in Obstetrics
T. Edgie Russell, Jr.	Assistant in Obstetrics
L. Calvin Gareis	Assistant in Obstetrics

Third Year. The lectures and recitations consisting of three hours' teaching weekly are designed to cover the anatomy of the female generative tract and the bony pelvis, the physiology and development of the ovum and the physiology of pregnancy and labor. Following this the pathology of pregnancy, labor and the puerperium are taken up. Drs. Douglass, Novak, Reese, Siegel and Savage.

Each student spends time during his junior year at the Baltimore City Hospitals observing, assisting and finally delivering patients under strict supervision. Each student sees about twenty deliveries there, and does a considerable amount of the routine work.

The junior students are assigned as assistants to the seniors in the home delivery service and accompany them on deliveries.

Each student receives, in small groups, ten hours of instruction in palpation of patients and mensuration of the pelvis and demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year. At the weekly clinical conference, cases are presented and discussed and the student body is encouraged to offer opinions and to ask questions. There is no didactic teaching done, and an earnest effort is made to keep it, in every sense of the word, a conference. Dr. Douglass and associates.

The ward classes are held twice weekly for five weeks for each group. Various subjects are assigned and discussed, patients and their histories are presented. Drs. Reese, Novey, Savage and McNally.

Manikin instruction is given once a week. Drs. Dixon, Kaltreider and Doeller.

During the same five-week period, the students are sent into patients' homes to conduct deliveries under supervision of a senior member of the house staff and with the assistance of a graduate nurse. The student is held responsible for the complete conduct of each assigned case.

Each student spends thirty hours in the prenatal clinic, taking histories and examining patients under supervision.

Finally, the students are invited to attend the monthly meetings of The Committee on Maternal Mortality, where all maternal deaths occurring in Baltimore are openly discussed. *Hours*—Third year—148; Fourth year—102; total—250.

DEPARTMENT OF GYNECOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Thomas K. Galvin	Clinical Professor of Gynecology
Leo Brady	Assistant Professor of Gynecology
Edward P. Smith	Assistant Professor of Gynecology
John T. Hibbitts	Associate in Gynecology
Kenneth B. Boyd	Associate in Gynecology
John C. Dumler	Associate in Gynecology
Beverley C. Compton	Associate in Gynecology
Houston Everett	Associate in Gynecology
J. J. Erwin	Associate in Gynecology
Frank K. Morris	Associate in Gynecology
Ernest I. Cornbrooks, Jr.	Instructor in Gynecology
Everett S. Diggs	Instructor in Gynecology
William K. Diehl	Instructor in Gynecology
Thomas S. Bowyer	Instructor in Gynecology
Ernest S. Edlow	Instructor in Gynecology
W. Allen Deckert	Instructor in Genecology
H. L. Granoff	Assistant in Gynecology
Helen I. Maginnis	Assistant in Gynecology
Charles H. Doeller, Jr.	Assistant in Gynecology
William A. Dodd	Assistant in Gynecology
John S. Haught	Assistant in Gynecology
Harry McB. Beck	Assistant in Gynecology
Charles B. Marek	Assistant in Gynecology
William C. Duffy	Assistant in Gynecology
Joseph C. Sheehan	Assistant in Gynecology
William J. Rysanek	Assistant in Gynecology
Harry F. Kane	Assistant in Gynecology
Robert B. Tunney	Assistant in Gynecology

Third Year. A course of thirty lectures and recitations is given to the whole class. In addition, a short course of lecture-demonstrations is given at the Baltimore City Hospitals, consisting of eight periods of one hour each, in which small groups of students are instructed in the fundamentals of gynecological diagnosis and examination.

Fourth Year. Operative clinics—lectures and demonstrations—are given six hours per week, for five weeks, to sections of the class.

Instruction in female urology is given. A small number of students may attend the cystoscopic dispensary which is held twice weekly.

The course in gynecology also includes instruction in the diagnosis and treatment of cancer of the generative organs. Small groups of students attend the oncological dispensary for additional work.

Third year	38 hours
Fourth year	74 hours
Total	112 hours

DEPARTMENT OF OPHTHALMOLOGY

Clyde A. Clapp	Professor of Ophthalmology
H. K. Fleck	Clinical Professor of Ophthalmology
Henry F. Graff	Clinical Professor of Ophthalmology
Jonas Friedenwald	Lecturer in Ophthalmic Pathology
Joseph I. Kemler	Associate in Ophthalmology
F. Edwin Knowles, Jr	Associate in Ophthalmology
F. A. Holden	Instructor in Ophthalmology
Milton C. Lang	Instructor in Ophthalmology
A. Kremen	Instructor in Ophthalmology
Jerome Snyder	Assistant in Ophthalmology
Frederick M. Reese	Assistant in Ophthalmology

Third Year. Second semester. Dr. Graff reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, is carried on during the entire session.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, weekly, for one year. Dr. Clapp.

This course consists of lectures upon the diseases of the eye, with particular reference to their diagnosis and relation to general medicine. Special lectures will be given upon vascular changes in the eye and upon the pathology of the eye. Some operations will be demonstrated by motion pictures.

Weekly ward classes are held at the University, The Baltimore Eye, Ear and Throat and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Also daily demonstrations are given in the taking of histories and the diagnosis and treatment of the various conditions as seen in the dispensary. Drs. Kemler, Graff and Knowles.

Third year	20 hours
Fourth year	104 hours
Total	124 hours

DEPARTMENT OF ROENTGENOLOGY

Walter L. Kilby	Professor of Roentgenology
Charles N. Davidson	Associate Professor of Roentgenology
Asa D. Young	Assistant Professor of Roentgenology
Stanley H. Macht	Assistant Professor of Roentgenology
Donald J. Barnett	Associate in Roentgenology
Hugh D. Vazzana	Fellow in Roentgenology

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year	8 hours
Fourth year	22 hours
Total	30 hours

DEPARTMENT OF ANAESTHESIOLOGY

Frederick C. Dye	Professor of Anaesthesiology
Alfred T. Nelson	Assistant Professor of Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend two hours daily for two weeks observing and administering anaesthetics in the operating suite.

Third year	10 hours
Fourth year	24 hours
Total	34 hours

HISTORY OF MEDICINE

Louis A. M. Krause	Associate Professor of Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

ART AS APPLIED TO MEDICINE

CARL DAME CLARKE ....Associate Professor of Art as Applied to Medicine
RICHARD DOWELL GRILL.....................Instructor in Art as Applied to Medicine
NANCY JANE FERNEYHOUGH......................Fellow in Art as Applied to Medicine
CARL CHRISTIAN STEIN.........................Fellow in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals.

Special courses of instruction are given to qualified students.

POSTGRADUATE COURSES

COMMITTEE ON POSTGRADUATE STUDIES

HOWARD M. BUBERT, *Chairman*
DIETRICH C. SMITH, *1st Vice-chairman*
L. A. M. KRAUSE, *2nd Vice-chairman*
MILTON S. SACKS, *Secretary*
JOHN A. WAGNER,
OTTO C. BRANTIGAN,
WILLIAM K. DIEHL,
JOHN C. KRANTZ, JR.,
EDUARD UHLENHUTH,
ALLEN F. VOSHELL.

The Dean—*Ex Officio*

Immediately after the war, in response to a great number of requests, a review course in medicine, surgery, gynecology, obstetrics and pediatrics was given. This course lasted over a period of eight weeks. Because of the success achieved, the course was repeated, beginning on October 2, 1946 and running through November 27, 1946, and, whereas the participants were enthusiastic in their praise, the enrolment was small. Consequently, the Committee decided that the need for this particular type of course had been satisfied and the course was discontinued.

At the present time, the following courses are being given:

General Anatomy "A" This course is designed to prepare candidates for the anatomy examination of the American Board of General Surgery and Surgical Specialties. There is no hard and fast rule about either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content.

Surgical Anatomy "B" This course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course, (2 days a week, 3 hours a day) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition: $150.00.

Pathology "A" This course offers basic training in general pathology in fulfillment of requirements as set up by the American Board of Pathology. Students will receive training in autopsy and surgical pathology. Minimum duration of the course is one year full time. Tuition: $300.00.

Pathology "B" This course is designed to prepare candidates for certification in surgery, surgical specialties and internal medicine. Individuals will receive training in autopsy and surgical pathology. Minimum duration is full time, six months. Tuition: $150.00.

Pathology "C" This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition: $200.00, plus $10.00 laboratory fee.

Gynecology and Obstetrics "A" This is a review for general practitioners. Duration is eighteen hours each of gynecology and obstetrics per week for twelve weeks. Tuition: $150.00.

Gynecology, Oncology and Female Urology "B" This is a review designed primarily for the general practitioner. Duration is ten weeks, full time. Tuition: $125.00.

Full descriptions of these courses are available.

Inquiries should be addressed to The Postgraduate Committee, University of Maryland School of Medicine, 29 S. Greene Street, Baltimore 1, Maryland.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 18, 1947 TO JANUARY 24, 1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology 11–12 lecture *Bressler 2*		Orientation (Sept. 24–Oct. 8) *Adm. 1*	*Histology and Embryology 11–12 lecture *Bressler 2*		Gross Anatomy A. H. 9–11
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lectures *A.H.* (1–2) Daily and Laboratories *Bressler 1* (2–5) Daily					

* Course ends January 16, 1948.

SECOND SEMESTER, JANUARY 26 TO JUNE 5, 1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Neuro-Anatomy Laboratory	Neuro-Anatomy Laboratory
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	
2.00 to 3.00	Neuro- Physiology *Bressler 2*	Neuro- Physiology *Bressler 2*	Biol. Chem. Conference *Adm. 1*	Gross Anatomy *Adm. 1* Feb. 12 to Apr. 8 — Neuro-Anatomy Apr. 15 Laboratory	Biol. Chem. Conference *Adm. 1*	
3.00 to 5.00		Gross Anatomy *Adm. 1* Feb. 10 to Apr. 6	Psychiatry (3–5) *C. H.*		(3–4) First Aid *C. H.* January 30 to April 9	

Locations of Lecture Halls and Laboratories:
Adm. 1—First Floor, Administration Building, Lombard and Greene Streets.
A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.
Bressler Research Laboratory—29 S. Greene Street.
Gross Anatomy—First Floor.
Histology and Embryology—Second Floor.
Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 19–24, 1948
Final Examinations—May 24–29, 1948

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 18, 1947 TO JANUARY 24, 1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology *Bressler 2*	Physiology *Bressler 2*	Medicine *Bressler 2*	Physiology *Bressler 2*		Psychiatry (9–11) *Adm. 1*
9.30 to 10.30	Physiology Conference *Bressler 2*	Bacteriology *Adm. 1*		Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis *C. H.*	
12.30	Lunch					
1.00 to 5.00	Pharm. Lect. (1–2) *Bressler 2* Pharmacology *B* Physiology *A*	Laboratory *A* Laboratory *B*		Pharmacology (1 to 4) *B* Physiology *A*	Laboratory *A* Laboratory *B*	

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 26 TO JUNE 5, 1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Surgery *Bressler 2*	Surgery *Bressler 2*	Surgical Anatomy *Bressler 2*	Medical Clinic *Amp.*	Physical Diagnosis *Adm. 1* 7 lectures	
9.30 to 10.30	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	Surgical Anatomy Laboratory *Bressler 1*		Pharmacology *Bressler 2*	
10.30 to 11.30	Pathology *C. H.*	Pathology *C. H.*		Pathology *C. H.*	Pathology *C. H.*	
11.30	Lunch					
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology Laboratory	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy *Adm. 1*	‖Immunology Laboratory		Pharmacology Laboratory *Sect. A*	Pharmacology Laboratory *Sect. B*	
3.00 to 5.00	Surgical Anatomy Laboratory *Bressler 1*		Optional period Pathology Immunology	Physical Diagnosis *Sect. B* (3.00–5.00) *U. H. D.*	Physical Diagnosis *Sect. A* (3.00–5.00) *U. H. D.*	

‖ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First floor, Administration Building, Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.
U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.
Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 19–24, 1948

THIRD YEAR SCHEDULE

SEPTEMBER 18, 1947 TO JUNE 5, 1948

SCHEDULE 1

<table>
<tr><th>Hours</th><th>Monday</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th><th>Saturday</th></tr>
<tr><td>8.30 to 9.20</td><td>(Whole Class)
Obstetrics
C. H.
†Gynecology
Mar. 22 to May 10</td><td>(Whole Class)
Surgery
C. H.</td><td>(Whole Class)
Obstetrics
C. H.
†Gynecology
Mar. 24 to May 12</td><td>(Whole Class)
Surgery
C. H.</td><td>(Whole Class)
Pathology
C. H.</td><td>(Whole Class)
Surgery
C. H.
†Anaesthesiology
Mar. 13 to May 15
Amp.</td></tr>
<tr><td>9.30 to 10.00</td><td colspan="6">Transfer to Baltimore City Hospitals</td></tr>
<tr><td>10.00 to 12.00</td><td colspan="6">Physical Diagnosis, Pathology, Neurology and Pediatrics at B. C. H.</td></tr>
<tr><td>12.00 to 1.00</td><td>Transfer and Lunch</td><td>Transfer and Lunch</td><td>Lunch</td><td>Transfer and Lunch</td><td>Lunch</td><td rowspan="4"></td></tr>
<tr><td>1.00 to 2.00</td><td>(Whole Class)
Otology, Nose & Throat, Urology, Proctology, Plastic Surgery
C. H.</td><td>(Whole Class)
•Gynecology
†Eye—10 wks.
Jan. 27 to Apr. 6
†Oncology —5 wks.
Apr. 13 to May 11
C. H.</td><td>Medical Clinic
B. C. H.</td><td>(Whole Class)
Clinical Pathology
Bressler 2</td><td>Obstetrical Clinic
B. C. H.</td></tr>
<tr><td>2.00 to 4.00</td><td colspan="2">(Whole Class)
Pathology Laboratory
31</td><td>Surgery
—
Pediatrics
B. C. H.</td><td rowspan="2">(Whole Class)
Clinical Pathology
—
Laboratory
Bressler 5</td><td>Surgery
—
Pediatrics
B. C. H.</td></tr>
<tr><td>4.00 to 5.00</td><td>(Whole Class)
•Physical Diagnosis,
†Psychiatry,
†Legal Medicine
C. H.</td><td>(Whole Class)
Hygiene and Public Health
C. H.</td><td>Orthopaedics
Roentgenology
B. C. H.</td><td>Orthopaedics
B. C. H.</td></tr>
</table>

• First Semester. † Second Semester.

THIRD YEAR SCHEDULE
SEPTEMBER 18, 1947 TO JUNE 5, 1948

SCHEDULE 2

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 22 to May 10	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 24 to May 12	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* Anaesthesiology Mar. 13 to May 15 *Amp.*
9.30 to 10.20	Pediatrics *C. H.*	*Medicine *C. H.*	*Medicine *C. H.*	*Therapeutics *C. H.*	*Medicine *C. H.*	Neurology *C. H.*
10.30 to 12.30	Operative Surgery—*Bressler 6* Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12.30 to 1.00	Lunch					
1.00 to 2.00			Medical Clinic *Amp.*			
2.00 to 4.00	Same as Schedule 1		Ophthalmoscopy (5 weeks) *B. E. H.* — Obstetrics (5 weeks) Univ. Hosp. Disp. — Otology (5 wks.) *Univ. Hosp. 3-C*	Same as Schedule 1	Psychiatry Dermatology U. H. Disp.	
4.00 to 5.00					Obstetrics *Br. 2*	

* Pediatrics, May 4–14

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

Schedule Assignment

Periods	*Sections and Schedules*
September 18, 1947 to January 24, 1948	A-1, B-2
January 26 to May 15, 1948	B-1, A-2

Locations of Lecture Halls, etc.

A. H.—Anatomical Hall, Upper Hall, N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
Bressler—Bressler Building, 29 S. Greene Street.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
31—31 South Greene Street.
Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 19–24, 1948
Final Examinations—May 17–29, 1948

FOURTH YEAR SCHEDULE

SEPTEMBER 18, 1947 TO JUNE 5, 1948

UNIVERSITY SECTION

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 11.00	Ward Classes — Medicine Surgery Obstetrics *Pediatrics	Ward Classes — Medicine Surgery Gynecology	Ward Classes — Medicine Surgery Obstetrics *Pediatrics	Ward Classes — Medicine Surgery Gynecology	Ward Classes — Medicine Surgery Obstetrics *Pediatrics	Ward Classes — Medicine Surgery Gynecology *Pediatrics
11.00 to 12.00	Clinical Clerkships	Ward Work	Clinical Pathological Conference *C. H.*	Surgical Clinic *Amp.*	Medical Clinic *Amp.*	Pediatric Clinic *Amp.*
12.00 to 2.00	Dispensary, Lunch	Dispensary, Lunch	Dispensary, Lunch	Dispensary, Lunch	Dispensary, Lunch	(12–1) Orthopaedic Clinic *Amp.*
2.15 to 3.15	Dermatology Clinic 1st time Full Class *Amp.* thereafter University Dispensary	Neurology Clinic *Amp.*	Eye and Ear Clinic (Full Class at Univ. Hosp.) *Amp.*	Obstetrical Clinic (Full Class at Univ. Hosp.) *Amp.*	Hygiene and Public Health (Full Class at Univ. Hosp.) *Amp.*	(1–2) Dermatology *Amp.*
3.30 to 5.00	Ward Classes	Ward Classes	Ward Classes	Ward Classes	Ward Classes	
	See special schedule Medical School bulletin board	Medicine		Therapeutics	Neurology	*Medical Section*
		Proctology	Urology *Amp.*	Nose and Throat	Orthopaedic Surgery *(Kernan Hospital)*	*Surgical Section*
		Oncology (3.30–4.30) *Amp.*	Eye and Ear		Psychiatry *Amp.*	*Special Section*

(*)—Mercy special group, divided attendance at Univ. and Mercy.

University Sections on Medicine and Gynecology report at 8.30.

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

First Semester		*Second Semester*	
1st period	Sept. 18–Oct. 25	1st period	Jan. 26–Feb. 28
2nd period	Oct. 27–Nov. 29	2nd period	Mar. 1–Apr. 10
3rd period	Dec. 1–Jan. 17	3rd period	Apr. 12–May 8

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.

Amp.—Wilson Memorial Amphitheatre—New University Hospital.

Room 34—Second floor, Calvert and Saratoga Streets.

Univ. Section Dispensary schedule posted in Old Hospital Bldg.

Mercy Section Dispensary schedule shown under Mercy Section.

Mid-Year Examinations—January 19–24, 1948

Final Examinations—May 10–15, 1948

FOURTH YEAR SCHEDULE

SEPTEMBER 18, 1947 TO JUNE 5, 1948
MERCY SECTION

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9.00 to 10.00	Clinical Clerkships	Surgical Pathology or Chest Surgery Room 34	Clinical Pathological Conference Room 34	Surgical Clinic Room 34	Medical Clinic Room 34	Pediatric Clinic Room 34	
10.00 to 12.00	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	*Medical Section*
	Medical Dispensary Group A	Medical Dispensary Group B	Medical Dispensary Group A	Medical Dispensary Group B	Medical Dispensary Group A	Medical Dispensary Group B	
	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	*Surgical Section*
	*Pediatrics	Gynecology — *Pediatrics	*Pediatrics	Gynecology — *Pediatrics	*Pediatrics	*Pediatrics	*Special Section*
12.00 to 2.00	Lunch, Dispensary	Lunch, Dispensary	Lunch, Dispensary	Lunch, Dispensary	Lunch, Dispensary	(12–1) Orthopaedic Clinic Room 34	
	Neurology	G.I.	Neurology	G.I.	Neurology		Medical A
	Orthopaedic	Dermatology	Orthopaedic	Dermatology	Orthopaedic	(1–2) Dermatology	Medical B
	G.U.	G.U.	Follow up Surgical Clinic	G.U.	G.U.		Surgical A
	N. & T.	Proctology	N. & T.	Proctology	N. & T.		Surgical B
	Pediatrics (U.H.)		Pediatrics (U.H.)	Pediatrics (U.H.)	Pediatrics (U.H.)		Special A
	Pediatrics (U.H.)		Pediatrics (U.H.)	Pediatrics (U.H.)	Pediatrics (U.H.)		Special B
2.15 to 3.15	Dermatology Clinic 1st time Full Class *Amp.* thereafter University Dispensary	Neurology Clinic Room 34	Eye and Ear Clinic (Full Class at Univ. Hosp.) *Amp.*	Obstetrical Clinic (Full Class at Univ. Hosp.) *Amp.*	Hygiene and Public Health (Full Class at Univ. Hosp.) *Amp.*		
3.30 to 5.00	See Special Schedule	Medicine	G.I.	Medicine	Neurology		Medical Section
		Orthopaedics	N. & T.	Proctology	Roentgenology		Surgical Section
		Pediatrics	Public Health	Pediatrics (U.H.)	Psychiatry (U.H.)		Special Section

* Mercy special group, divided attendence at Univ. and Mercy.

University Sections on Medicine and Gynecology report at 8.30.

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

First Semester		*Second Semester*	
1st period	Sept. 18–Oct. 25	1st period	Jan. 26–Feb. 28
2nd period	Oct. 27–Nov. 29	2nd period	Mar. 1–Apr. 10
3rd period	Dec. 1–Jan. 17	3rd period	Apr. 12–May 8

C.H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre—New University Hospital
Room 34—Second floor, Calvert and Saratoga Streets.

Univ. Section Dispensary schedule posted in Old Hospital Bldg.

Mercy Section—Dispensary schedule at Mercy Hospital shown under Mercy Section, herewith.

Mid-Year Examinations—January 19–24, 1948

Final Examinations—May 10–15, 1948

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 7, 1947

Abell, Harry Davis.........Kentucky
Allen, Gladys Martha, *B.S.*..Maryland
Anthony, James Elmer, Jr., *B.S.* Maryland
Beatty, John Orville, *B.S.*.....Nevada
Benson, John Fisher, *B.S.*.....Maryland
Berggreen, Raymond George, *A.B.* Minnesota
Bindeman, William Wylie, *B.S.* North Carolina
Blair, James Seaborn, Jr. North Carolina
Blevins, Joseph Wendell, *B.S.* Pennsylvania
Brickner, John George, III, *B.S.* Maryland
Bunch, Littleton Jay, *A.B.* North Carolina
Bunn, David Glenn......North Carolina
Carouge, Gilbert Morris.....Maryland
Chase, Henry Vincent, *Ph.B.*.Maryland
Coffey, Michael Joseph, *B.S.* New Jersey
Cohen, Bernard Stanley.....Maryland
Cohen, Irvin, *A.B.*...........Maryland
Cooper, Harry Douglas, *B.S.*.Maryland
Cooper, William Benjamin, Jr., *B.S.* Maryland
Corzine, William Jenkins, Jr. North Carolina
Coultas, Elizabeth Louise, *A.B.* New Jersey
Cushner, Irvin Morris.......Maryland
Dorman, Parker Sturgis, *A.B.* District of Columbia
Duvall, Robert Caywood, Jr..Maryland
Eppes, Williford, *B.S.*.......Maryland
Evans, John Ebenezer, Jr., *B.S.* North Carolina
Faraino, Frank Anthony, *B.S.* Maryland
Fink, Joel Charles, *B.S.*.....Alabama
Fisher, Donald Ernst........Maryland
Fisher, George William, *B.S.*.Maryland
Fitzgerald, Robert Greeson, Jr., *B.S. in Medicine*.......North Carolina
Forrer, Gordon Randolph, *B.S.* Maryland
Friedman, Asher Authur, *A.B.*.Virginia
Gakenheimer, William Alfred Maryland
Gardner, Robert Kline......Maryland
Geddes, David Kofoid, *B.S.*..California
Gerlach, Jane Knowles, *A.B.*.Maryland
Gillson, Edward Michael, *A.B.* New Jersey
Gold, Benjamin Miller..North Carolina
Grau, Edward Gordon, *B.S.*..Maryland
Grossman, Louis Ward, Jr..Pennsylvania
Haase, Frederick Robert....Maryland
Hahn, Robert Roland........Maryland
Hall, Howard Essex.........Maryland
Hearne, Calvin Beck............Ohio
Hightower, John Allen........Florida
Hogan, John Francis, Jr......Maryland
Hooks, Richard Eugene..North Carolina
Houghton, James Francis....New Jersey
Hunter, Robert Carl, *B.S.*...Maryland
Imbrie, David Ellwood, *A.B.* Pennsylvania
Jernigan, Lane McDermott..Maryland
Judd, Allyn Francis, *A.B.*.Massachusetts
Leung, Bernard, *B.S.*.........New York
Levin, Norman...............Maryland
LiPira, Joseph Francis, *B.S.*..Maryland
Machata, Francis Karl, *Ph.B.* New York
Mannino, Peter Paul........Maryland
Mansberger, Arlie Roland, Jr. West Virginia
Mattern, Carl Frederick Theodore Maryland
Mattern, Elizabeth Anne Dentry, *A.B.*.......................Maryland
Mitchell, Wallace Herttell, *B.S.* Florida
Morrow, John Gordon, Jr.....Georgia
Nachlas, Nathan Edward....Maryland
Pertz, Elden Hobart, *B.S.*.West Virginia
Phillips, David Lee, *A.B.*.....Maryland
Piggott, John Burr, Jr., *B.S.* District of Columbia
Post, William Reyman, *A.B.* Mississippi
Powell, Jack Hanson, Jr., *A.B.* Georgia
Rasch, George Chesley, Jr., *B.S.* Maryland
Ribet, James Ernest....North Carolina
Rogers, Joseph Megeath......Virginia
Rosser, John Hays, *B.S.*.......Maryland
Sachs, Sidney Herman........Maryland
Salvati, Eugene Philip, *A.B.* West Virginia
Schapiro, Joseph Solomon....Maryland
Schnitzker, William Frederic Maryland
Scott, Harry Baty.............Virginia
Senning, Frederick Stephen..Maryland
Shaw, John Hill, *B.S.*.........Virginia
Shear, Joseph.................Maryland
Shulman, Melvin ....Maryland
Silber, Earle, *A.B.*...........Maryland
Smith, John Richard, Jr., *B.S.*.Maryland

Spino, Pascal Daniel.....Pennsylvania
Stenstrom, William Harold, *B. S.* Washington
Sussman, Harold, *A.B.*........Maryland
Swink, Robert Landrum.......Florida
Trench, James McKechan, *B.S.* Pennsylvania
Valderas, Jose Gervasio...Puerto Rico
Venable, Sidney Johnson, Jr., *B.S.* Maryland
Waltz, Robert Claude, *B.S.*......Ohio
White, John Phillips, III.....Maryland
Williams, James Delbert....California
Williams, John Elbert......California
Winokur, George, *A.B.*........Maryland
Zinberg, Norman Earl, *B.S.*..Maryland

HONORS

University Prize Gold Medal

Joseph Shear ~~Milton Reisch~~

Certificates of Honor

Williford Eppes
William Alfred Gakenheimer
John George Brickner, III
Bernard Stanley Cohen
Harold Sussman

INTERNSHIPS—GRADUATES OF JUNE 7, 1948

July 1, 1947–June 30, 1948

Abell, Harry Davis, Jr.	St. Louis City Hospital, St. Louis, Mo.
Allen, Gladys Martha	Hospital of the Woman's Medical College, Philadelphia, Pa.
Anthony, James Elmer, Jr.	Jefferson Hospital, Roanoke, Va.
Beatty, John Orville	Indiana University Medical Center, Indianapolis, Ind.
[2]Benson, John Fisher	University Hospital, Baltimore, Md.
Berggreen, Raymond George	Jersey City Hospital, Jersey City, N. J.
Bindeman, William Wylie	West Baltimore General Hospital, Baltimore, Md.
Blair, James Seaborn, Jr.	University of Virginia Hospital, Charlottesville, Va.
Blevins, Joseph Wendell	Hamot Hospital, Erie, Pa.
Brickner, John George, III	Mercy Hospital, Baltimore, Md.
Bunch, Littleton Jay	Colorado General Hospital, Denver, Col.
Bunn, David Glenn	Medical College of Virginia, Hospital Division, Richmond, Va.
Carouge, Gilbert Morris	South Baltimore General Hospital, Baltimore, Md.
Chase, Henry Vincent	Mercy Hospital, Baltimore, Md.
Coffey, Michael Joseph	Fitkin Memorial Hospital, Neptune, N. J.
Cohen, Bernard Stanley	Sinai Hospital, Baltimore, Md.
Cohen, Irvin	Sinai Hospital, Baltimore, Md.
Cooper, Harry Douglas	South Baltimore General Hospital, Baltimore, Md.
Cooper, William Benjamin, Jr.	South Baltimore General Hospital, Baltimore, Md.
Corzine, William Jenkins, Jr.	Roper Hospital, Charleston, S. C.
Coultas, Elizabeth Louise	Hospital of the Woman's Medical College, Philadelphia, Pa.
Cushner, Irvin Morris	Sinai Hospital, Baltimore, Md.
Dorman, Parker Sturgis	Ancker Hospital, St. Paul, Minn.
Duvall, Robert Caywood, Jr.	University Hospital, Baltimore, Md.
Eppes, Williford	University Hospitals, Iowa City, Iowa
[2]Evans, John Ebenezer, Jr.	University Hospital, Baltimore, Md.
Faraino, Frank Anthony	Mercy Hospital, Baltimore, Md.
Fink, Joel Charles	United States Army Internship
Fisher, Donald Ernst	Church Home & Hospital, Baltimore, Md.
Fisher, George William	Bon Secours Hospital, Baltimore, Md.
Fitzgerald, Robert Greeson, Jr.	Watts Hospital, Durham, N. C.
Forrer, Gordon Randolph	United States Marine Hospital, Baltimore, Md.
Friedman, Asher Arthur	Sinai Hospital, Baltimore, Md.
[2]Gakenheimer, William Alfred	University Hospital, Baltimore, Md.
Gardner, Robert Kline	Philadelphia General Hospital, Philadelphia, Pa.
Geddes, David Kofoid	Queen's Hospital, Honolulu, Hawaii
[1]Gerlach, Jane Knowles	Research Assistant, United States Public Health Service, Bethesda, Md.
Gillson, Edward Michael	St. Joseph Hospital, Paterson, N. J.
[2]Gold, Benjamin Miller	University Hospital, Baltimore, Md.
Grau, Edward Gordon	St. Joseph's Hospital, Baltimore, Md.
Grossman, Louis Ward, Jr.	Hospital of the Protestant Episcopal Church, Philadelphia, Pa.
Haase, Frederick Robert	Church Home and Hospital, Baltimore, Md.
[2]Hahn, Robert Roland	University Hospital, Baltimore, Md.

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[1] Research, not an internship.

[2] July 1, 1947 to June 30, 1949

Hall, Howard Essex	University Hospital, Baltimore, Md.
Hearne, Calvin Beck	University Hospital, Baltimore, Md.
Hightower, John Allen	University Hospital, Baltimore, Md.
Hogan, John Francis, Jr.	Union Memorial Hospital, Baltimore, Md.
Hooks, Richard Eugene	James Walker Memorial Hospital, Wilmington, N. C.
Houghton, James Francis	Jersey City Hospital, Jersey City, N. J.
[2]Hunter, Robert Carl	University Hospital, Baltimore, Md.
Imbrie, David Ellwood	Mercy Hospital, Pittsburgh, Pa.
Jernigan, Lane McDermott	Mercy Hospital, Baltimore, Md.
Judd, Allyn Francis	South Baltimore General Hospital, Baltimore, Md.
Leung, Bernard	Fordham Hospital, New York, N. Y.
Levin, Norman	West Baltimore General Hospital, Baltimore, Md.
LiPira, Joseph Francis	Mercy Hospital, Baltimore, Md.
Machata, Francis Karl	Charles S. Wilson Memorial Hospital, Johnson City, N. Y.
Mannino, Peter Paul	Bon Secours Hospital, Baltimore, Md.
[2]Mansberger, Arlie Roland, Jr.	University Hospital, Baltimore, Md.
Mattern, Carl Frederick Theodore	Garfield Memorial Hospital, Washington, D. C.
Mattern, Elizabeth Anne Dentry	Garfield Memorial Hospital, Washington, D. C.
Mitchell, Wallace Herttell	James M. Jackson Memorial Hospital, Miami, Fla.
Morrow, John Gordon, Jr.	Maryland General Hospital, Baltimore, Md.
Nachlas, Nathan Edward	Sinai Hospital, Baltimore, Md.
Pertz, Elden Hobart	Mercy Hospital, Baltimore, Md.
Phillips, David Lee	University Hospital, Baltimore, Md.
[2]Piggott, John Burr, Jr. B.S.	University Hospital, Baltimore, Md.
Post, William Reyman	Mercy Hospital, Baltimore, Md.
Powell, Jack Hanson, Jr.	University Hospital, Baltimore, Md.
Rasch, George Chesley, Jr.	Indiana University Medical Center, Indianapolis, Ind.
Ribet, James Ernest	Hospital of the Protestant Episcopal Church, Philadelphia, Pa.
Rogers, Joseph Megeath	Gallinger Municipal Hospital, Washington, D. C.
[2]Rosser, John Hays	University Hospital, Baltimore, Md.
Sachs, Sidney Herman	University Hospital, Baltimore, Md.
Salvati, Eugene Philip	Muhlenberg Hospital, Plainfield, N. J.
Schapiro, Joseph Solomon	Michael Reese Hospital, Chicago, Ill.
Schnitzker, William Frederic	Mercy Hospital, Baltimore, Md.
Scott, Harry Baty	Mercy Hospital, Baltimore, Md.
Shaw, John Hill	St. Agnes' Hospital, Baltimore, Md.
[2]Shear, Joseph	University Hospital, Baltimore, Md.
Shulman, Melvin	Queens General Hospital, Jamaica, N. Y.
Silber, Earle	Michael Reese Hospital, Chicago, Ill.
Smith, John Richard, Jr.	Union Memorial Hospital, Baltimore, Md.
Spino, Pascal Daniel	University Pittsburgh Medical Center, Pittsburgh, Pa.
Stenstrom, William Harold	Augustana Hospital, Chicago, Ill.
Sussman, Harold	Sinai Hospital, Baltimore, Md.
Swink, Robert Landrum	James M. Jackson Memorial Hospital, Miami, Florida
Trench, James McKechan	St. Francis Hospital, Pittsburgh, Pa.
Valderas, Jose Gervasio	St. Agnes' Hospital, Baltimore, Md.
Venable, Sidney Johnson	St. Agnes' Hospital, Baltimore, Md.
Waltz, Robert Claude	University Hospitals, Cleveland, Ohio
[2]White, John Phillips, III	University Hospital, Baltimore, Md.
Williams, James Delbert	Hospital of the Good Samaritan, Los Angeles, Calif.
Williams, John Elbert	Hospital of the Good Samaritan, Los Angeles, Calif.
Winokur, George	Church Home and Hospital, Baltimore, Md.
Zinberg, Norman Earl	Sinai Hospital, Baltimore, Md.

MATRICULATES

SENIOR CLASS, SEPTEMBER 5, 1946 TO JUNE 7, 1947

Abell, Harry Davis, *The Johns Hopkins University*........Kentucky
Allen, Gladys Martha, *B.S., University of Maryland, 1943*........Maryland
Anthony, James Elmer, Jr., *B.S., Washington College, 1944*........Maryland
Beatty, John Orville, *B.S., University of Nevada, 1945*........Nevada
Benson, John Fisher, *B.S., University of Maryland, 1945*........Maryland
Berggreen, Raymond George, *A.B., Carleton College, 1943*........Minnesota
Bindeman, William Wylie, *B.S., Wheaton College, 1944*........North Carolina
Blair, James Seaborn, Jr., *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*........North Carolina
Blevins, Joseph Wendell, *B.S., Geneva College, 1943*........Pennsylvania
Brickner, John George, III, *B.S., University of Maryland, 1944*........Maryland
Bunch, Littleton Jay, *A.B., University of North Carolina, 1943; University of North Carolina School of Medicine, December 1943–June 1945*........North Carolina
Bunn, David Glenn, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*........North Carolina
Carouge, Gilbert Morris, *University of Maryland*........Maryland
Chase, Henry Vincent, *Ph.B., Loyola College, 1943*........Maryland
Coffey, Michael Joseph, *B.S., University of Notre Dame, 1945*........New Jersey
Cohen, Bernard Stanley, *University of Maryland*........Maryland
Cohen, Irvin, *A.B., The Johns Hopkins University, 1944*........Maryland
Cooper, Harry Douglas, *B.S., Washington College, 1941*........Maryland
Cooper, William Benjamin, Jr., *B.S., University of Maryland, 1945*........Maryland
Corzine, William Jenkins, Jr., *The Citadel*........North Carolina
Coultas, Elizabeth Louise, *A.B., Goucher College, 1944*........New Jersey
Cushner, Irvin Morris, *University of Maryland*........Maryland
Dorman, Parker Sturgis, *A.B., Amherst College, 1943*........District of Columbia
Duvall, Robert Caywood, Jr., *University of Maryland*........Maryland
Eppes, Williford, *B.S., University of Maryland, 1945*........Maryland
Evans, John Ebenezer, Jr., *B.S., Davidson College, 1943*........North Carolina
Faraino, Frank Anthony, *B.S., Loyola College, 1943*........Maryland
Fink, Joel Charles, *B.S., University of Alabama, 1943; Medical College of Alabama, December 1943–May 1945*........Alabama
Fisher, Donald Ernst, *University of Maryland*........Maryland
Fisher, George William, *B.S., Franklin and Marshall College, 1943*........Maryland
Fitzgerald, Robert Greeson, Jr., *B.S. in Medicine, University of North Carolina, 1944, University of North Carolina School of Medicine, December 1943–June 1945* North Carolina
Forrer, Gordon Randolph, *B.S., University of Maryland, 1945*........Maryland
Friedman, Asher Authur, *A.B., The Johns Hopkins University, 1943*........Virginia
Gakenheimer, William Alfred, *The Johns Hopkins University*........Maryland
Gardner, Robert Kline, *University of Maryland*........Maryland
Geddes, David Kofoid, *A.B., University of California, 1946*........California
Gerlach, Jane Knowles, *A.B., Colorado College, 1943*........Maryland
Gillson, Edward Michael, *A.B., St. Peter's College, 1943*........New Jersey
Gold, Benjamin Miller, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*........North Carolina
Grau, Edward Gordon, *B.S., Loyola College, 1943*........Maryland
Grossman, Louis Ward, Jr., *Westminster College*........Pennsylvania
Haase, Frederick Robert, *University of Maryland*........Maryland
Hahn, Robert Roland, *University of Maryland*........Maryland
Hall, Howard Essex, *Western Maryland College*........Maryland
Hearne, Calvin Beck, *College of Wooster*........Ohio
Hightower, John Allen, *Emory University, University of North Carolina School of Medicine, December 1943–June 1945*........Florida
Hogan, John Francis, Jr., *Loyola College*........Maryland
Hooks, Richard Eugene, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*........North Carolina
Houghton, James Francis, *Dartmouth College*........New Jersey
Hunter, Robert Carl, *B.S., University of Maryland, 1945*........Maryland
Imbrie, David Ellwood, *A.B., Washington and Jefferson College*........Pennsylvania

Jernigan, Lane McDermott, *University of Maryland*......................Maryland
Judd, Allyn Francis, *A.B., Tufts College, 1944*........................Massachusetts
Leung, Bernard, *B.S., University of Maryland, 1945*....................New York
Levin, Norman, *University of Maryland*.................................Maryland
LiPira, Joseph Francis, *B.S., University of Maryland, 1945*............Maryland
Machata, Francis Karl, *Ph.B., Loyola College, 1943*....................New York
Mannino, Peter Paul, *Western Maryland College*.........................Maryland
Mansberger, Arlie Roland, Jr., *Western Maryland College*...........West Virginia
Mattern, Carl Frederick Theodore, *The Johns Hopkins University*........Maryland
Mattern, Elizabeth Anne Gordon Dentry, *A.B., College of Notre Dame of Maryland, 1943*.....Maryland
Mitchell, Wallace Herttell, *B.S., University of Florida, 1943*.........Florida
Morrow, John Gordon, Jr., *Emory University*............................Georgia
Nachlas, Nathan Edward, *University of Maryland*........................Maryland
Pertz, Elden Hobart, *B.S., West Virginia Wesleyan College, 1947*.......West Virginia
Phillips, David Lee, *A.B., The Johns Hopkins University, 1943*.........Maryland
Piggott, John Burr, Jr., *B.S., Virginia Military Institute, 1943*...District of Columbia
Post, William Reyman, *A.B., University of Mississippi, 1946*...........Mississippi
Powell, Jack Hanson, Jr., *A.B., Emory University, 1943*................Georgia
Rasch, George Chesley, Jr., *B.S., University of Maryland, 1945*........Maryland
Ribet, James Ernest, *University of North Carolina; University of North Carolina School of Medicine, December 1943–June 1945*..........North Carolina
Rogers, Joseph Megeath, *University of Maryland*........................Virginia
Rosser, John Hays, *B.S., Wheaton College, 1943*........................Maryland
Sachs, Sidney Herman, *University of Maryland*..........................Maryland
Salvati, Eugene Philip, *A.B., West Virginia University, 1944; West Virginia University School of Medicine, January 1944–June 1945*...........West Virginia
Schapiro, Joseph Solomon, *The Johns Hopkins University*................Maryland
Schnitzker, William Frederic, *Transylvania College*....................Maryland
Scott, Harry Baty, *University of Virginia*.............................Virginia
Senning, Frederick Stephen, *University of Maryland*....................Maryland
Shaw, John Hill, *B.S., Hampden-Sydney College, 1943*...................Virginia
Shear, Joseph, *University of Maryland*.................................Maryland
Shulman, Melvin, *The Johns Hopkins University*.........................Maryland
Silber, Earle, *A.B., The Johns Hopkins University, 1944*...............Maryland
Smith, John Richard, Jr., *B.S., Washington College, 1943*..............Maryland
Spino, Pascal Daniel, *Bethany College*.................................Pennsylvania
Stenstrom, William Harold, *B.S., College of Puget Sound, 1943*.........Washington
Sussman, Harold, *A.B., The Johns Hopkins University, 1943*.............Maryland
Swink, Robert Landrum, *Emory University*...............................Florida
Trench, James McKechan, *B.S., Bethany College, 1945*...................Pennsylvania
Valderas, Jose Gervasio, *University of Puerto Rico*....................Puerto Rico
Venable, Sidney Johnson, Jr., *B.S., Hampden-Sydney College, 1943*......Maryland
Waltz, Robert Claude, *B.S., Washington & Jefferson College, 1943*......Ohio
White, John Phillips, III, *The Johns Hopkins University*...............Maryland
Williams, James Delbert, *Texas Technological College*..................California
Williams, John Elbert, *Texas Technological College*....................California
Winokur, George, *A.B., The Johns Hopkins University, 1944*.............Maryland
Zinberg, Norman Earl, *B.S., University of Maryland, 1942*..............Maryland

JUNIOR CLASS, SEPTEMBER 5, 1946 TO JUNE 7, 1947

Alecce, Angelo Andrew, *B.S., Loyola College, 1945*.....................Maryland
Allison, George Malcolm, *Marquette University*.........................Illinois
Aponte, Joseph Louis, *University of Puerto Rico*.......................Puerto Rico
Auld, David, *Swarthmore College*.......................................Maryland
Baker, Frank William, Jr., *University of Chicago*......................Maryland
Beyer, David Henry, *Cornell University*................................Minnesota
Bisanar, James Milton, *Davidson College*...............................North Carolina
Bond, Donald Buckey, *A.B., Western Maryland College, 1938*.............Maryland
Bronstein, Eugene Leonard, *Emory University*...........................New York
Buchness, John Michael, *A.B., Loyola College, 1944*....................Maryland
Bullock, John Boyd, *University of Richmond*............................Virginia
Bulluck, Matt Heyer, *Guilford College*.................................North Carolina

Chaimovitz, Robert, *Bethany College*.......Pennsylvania
Chelton, Alice Katherine Graybill, *University of Chicago*.......West Virginia
Condron, James Frank, *Muhlenberg College*.......Pennsylvania
Crecraft, Harold James, *A.B., Taylor University, 1944*.......Pennsylvania
Dalton, James Breckenridge, Jr., *University of Richmond*.......Virginia
Dempsey, Raymond Joseph, *B.S., University of Notre Dame, 1944*.......Illinois
Dwyer, Frank Philip, Jr., *Mt. St. Mary's College*.......Pennsylvania
Ensor, Robert Ellwood, *Western Maryland College*.......Maryland
[4]Fravel, Charles Richard, *Cornell University*.......Virginia
Golombek, Leonard Harry, *University of Maryland*.......Maryland
Grant, Bowie Linn, *Potomac State School of West Virginia*.......Maryland
Green, James William, *Western Maryland College*.......Maryland
Hamrick, George Vincent, *Washington University*.......Maryland
Hankins, John Roland, *University of Virginia*.......Virginia
Heldrich, Frederick Joseph, Jr., *A.B., Gettysburg College, 1945*.......Maryland
Hoback, Florence Kunst, *A.B., West Virginia University, 1944*.......West Virginia
Hobart, Richard Loren, Jr., *Washington and Lee University*.......District of Columbia
Holloway, William Jackson, *Western Maryland College*.......Maryland
Insley, Marion Clarence, Jr., *University of Maryland*.......Maryland
Kastner, Lee Norman, *University of Pennsylvania*.......Maryland
Kaufman, Raymond Henry, *University of North Carolina*.......New York
Kemp, Katherine Virdin, *A.B., College of Notre Dame of Maryland, 1943*.......Maryland
Kennedy, Carl Hubert, Jr., *University of Virginia*.......Pennsylvania
Koch, Lillian Dorothy, *B.S., University of Maryland, 1944*.......Maryland
Leograndis, Stephen C., *Duke University*.......Massachusetts
Lithgow, Charles Henry, *Loyola College*.......Maryland
Mack, Harry Patterson, *Washington University*.......New York
Mallis, Nicholas, *Cornell University*.......Maryland
Matthews, Burton Vincent, *A.B., The Johns Hopkins University, 1943; Cornell University*.......Maryland
Matthews, Roland Dellwood, *University of North Carolina; University of North Carolina School of Medicine, September 1944–March 1946*.......North Carolina
McCauley, Betty Jane, *B.S., University of Maryland, 1943*.......Maryland
McCrumb, Fred Rodgers, Jr., *Loyola College*.......Maryland
Mohler, Donald Ignatius, Jr., *Loyola College*.......Maryland
Newell, Edward Alphonso, *Western Maryland College*.......Maryland
Niswander, Guy Donald, *University of Michigan*.......West Virginias
Nolan, Paul Vernon, *B.S. in Medicine, University of North Carolina, 1945; University of North Carolina School of Medicine, September 1944–March 1946* North Carolina
Padussis, Stephen Konstant, *University of Maryland*.......Maryland
Petersen, Phyllis Ann, *A.B., University of Michigan, 1943*.......Maryland
Platt, Julian Jay, *Loyola College*.......Maryland
Powell, Albert Milton, Jr., *University of North Carolina*.......Maryland
Redding, Joseph Stafford, *A.B., University of North Carolina, 1943; University of North Carolina School of Medicine, September 1944–March 1946*..North Carolina
Rhyne, Jimmie Lee, *University of North Carolina*.......North Carolina
Rodriguez, Edsel Antonio, *College of the Holy Cross*.......Puerto Rico
Rudolph, Robert Lee, *Ohio University*.......Ohio
Sanford, William Gordon, *University of North Carolina, University of North Carolina School of Medicine, September 1944–March 1946*.......North Carolina
Scherr, Merle Sundrell, *West Virginia University*.......West Virginia
Schwartz, Benson Charles, *University of Maryland*.......Maryland
Shell, John Robert, *University of Richmond*.......Virginia
Silverman, Benjamin K., *A.B., The Johns Hopkins University, 1947*.......Maryland
Silverstein, Daniel Lewis, *Loyola College*.......Maryland
Siwinski, Thaddeus Charles, *A.B., Loyola College, 1944*.......Maryland
Smelser, Rennert Marquette, *University of Maryland*.......Maryland
Snyder, William Allen, *The Johns Hopkins University*.......Maryland
Stahl, Robert Ray, *University of New Hampshire*.......Pennsylvania
Swisher, Kyle Young, Jr., *Bethany College*.......West Virginia

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[4] Did not complete the year—illness.

Tarr, Norman, *Washington College*..........Maryland
Tate, Allen Denny, Jr., *B.S. in Medicine, University of North Carolina, 1945; University of North Carolina School of Medicine, September 1944–March 1946*..........North Carolina
Theuerkauf, Frank Joseph, Jr., *Villa Maria College*..........Pennsylvania
Thomas, Clyde Dana, Jr., *Bethany College*..........West Virginia
Thuss, William Getz, Jr., *Emory University*..........Alabama
Walters, Hezekiah G., Jr., *A.B., University of North Carolina, 1944*....North Carolina
Ware, Charles Ingersoll, *Wake Forest College*..........New Jersey
Waterman, Roger Sherman, *Bethany College*..........Pennsylvania
Welborn, James Todd, *B.S., Davidson College, 1944; University of North Carolina School of Medicine, September 1944–March 1946*..........North Carolina
Whitehorn, Clark Allan, *The Johns Hopkins University*..........Michigan
Wilson, John Dean, *Bethany College*..........Pennsylvania
Womack, William Spengler, *Emory and Henry College*..........Virginia
Young, John Paul, *The Johns Hopkins University*..........Maryland

SOPHOMORE CLASS, SEPTEMBER 5, 1946 TO JUNE 7, 1947

Abraham, Robert Auman, *B.S., Franklin and Marshall College, 1945*....Pennsylvania
Bachman, Leonard, *B.S., Franklin and Marshall College, 1946*..........Maryland
[2]Barlow, Lundie Weathers, Jr., *University of Minnesota*..........Virginia
Barnard, John William, *B.S., Milligan College, 1937*..........Maryland
Belkin, Joseph William, *College of The Holy Cross*..........Connecticut
Benjamin, William Philip, *A.B., Brooklyn College, 1943*..........New York
Blundell, Albert Edward, *Temple University*..........Utah
Cline, James Alexander, III, *University of Pennsylvania*..........Nebraska
[2]Collings, Harold, Jr., *The Johns Hopkins University*..........Indiana
Deringer, Florence Hurtt, *B.S., Washington College, 1945*..........Maryland
Ensor, Wilmer Clifton, Jr., *B.S., Loyola College, 1945*..........Maryland
Eubanks, Otha Albert, Jr., *Duke University*..........North Carolina
Forman, Robert Blaine, *University of Oregon*..........Oregon
Gill, Joseph Edward, *Union College*..........Pennsylvania
[4]Goldstein, Arthur Jay, *Bethany College*..........New York
Gorten, Martin Klaus, *A.B., Western Maryland College, 1943*..........New Jersey
Gray, Harry Williams, *Duke University*..........Maryland
Harris, James Radcliffe, *Temple University*..........Pennsylvania
Henderson, Charles Thomas, *The Johns Hopkins University*..........Illinois
Humphreys, Charles Wesley, Jr., *Duke University*..........District of Columbia
Knabe, George William, Jr., *The Johns Hopkins University*..........Michigan
[3]Krieger, John Louis, *A.B., St. Louis University, 1943*..........Missouri
Lewis, Thomas Earl, *Pennsylvania State College*..........Pennsylvania
Lock, Burton Vernon, *The Johns Hopkins University*..........Maryland
London, Nathaniel Jacob, *The Johns Hopkins University*..........Maryland
Longley, George Henry, *University of Minnesota*..........Maryland
Lukens, James Thomas, *Vanderbilt University*..........Pennsylvania
Malcarney, Alberta Rose, *A.B., University of Southern California, 1944*....California
Mattax, Harry McCoy, *Western Maryland College*..........Maryland
May, Homer Woodrow, *B.S., University of Pittsburgh, 1944*..........Pennsylvania
McCord, Charles Frederic, *Pennsylvania State College*..........Indiana
Medairy, Mary Veronica, *A.B., College of Notre Dame of Maryland, 1943*...Maryland
[3]Metcalf, John Shelby, Jr., *University of California*..........California
Middleton, Edmund Bishop, *The Johns Hopkins University*..........Rhode Island
Miller, Max Jay, *University of Richmond*..........Maryland
Moyer, John Lewis, III, *University of Minnesota*..........Pennsylvania
Neumayer, Francis, *University of Maryland*..........Pennsylvania
Newell, Josephine Evelyn, *University of the State of South Carolina*....North Carolina
Nicklas, Gilbert Lee, *B.S., Franklin and Marshall College, 1946*..........Maryland
Panzarella, John Henry, *Fordham University*..........New York

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[2] Withdrew after satisfactory completion of year.
[3] Withdrew August 30, 1946 in good standing.
[4] Did not complete the year—illness.

Parelhoff, Merrill Elliott, *University of Maryland*	Maryland
Pleet, Jerome, *Stanford University, University of Texas School of Medicine, September 1945–May 1946*	Maryland
Raskin, Howard Frank, *The Johns Hopkins University*	Maryland
Reisch, Rashi Schorr, *B.S., University of Miami, Florida, 1944*	Florida
Riddell, Clifford Thurston, Jr., *A.B., Bridgewater College, 1933*	Virginia
Roehrig, Charles Burns, *Vanderbilt University*	Massachusetts
Sarewitz, Albert Bernard, *University of Pennsylvania*	New Jersey
Scher, Jordan Mayer, *A.B., Wesleyan University, 1946*	Maryland
Schmale, Arthur Henry, Jr., *Pennsylvania State College*	Nebraska
Schnaper, Nathan, *B.S., Washington College, 1940*	Maryland
Schreiber, Richard David, *Bethany College*	Illinois
Sherrard, Margaret Lee, *A.B., Seton Hill College, 1945*	West Virginia
Smith, Meredith Parks, *St. Lawrence University*	Minnesota
Snider, Kenneth Bruce, *University of Maryland*	Texas
Spittell, John Allen, Jr., *B.S., Franklin and Marshall College, 1944*	Maryland
Stahler, Earlin John, *University of Maryland*	Pennsylvania
Stanfield, Elwin Eugene, *University of Pennsylvania*	California
Steckler, Robert Joseph, *A.B., Evansville College, 1943*	Indiana
Stevenson, Edward Ward, *Duke University*	Virginia
Strahan, John Franklin, *Duke University*	Maryland
Tilley, Russell McFarlane, Jr., *University of Rochester*	New York
Timanus, James Kyner, *Oberlin College*	Ohio
Tramer, Arnold, *University of Maryland*	Maryland
Trettin, Gene Douglas, *Ursinus College*	Maryland
Warnock, Robert George, *Bates College*	Ohio
Watson, Frank Yandle, *Duke University*	North Carolina
Welch, Elbert Sylvester, *Duke University*	Alabama
Wolfe, Carolyn DeWitt, *A.B., Hollins College, 1945*	New Jersey
Ziegler, John Bosley, *A.B., Gettysburg College, 1942*	Maryland

FRESHMAN CLASS, SEPTEMBER 5, 1946 TO JUNE 7, 1947

Andersen, William Andrew, *The Johns Hopkins University*	Maryland
Bacon, John Louis, *Wagner College*	New York
Bagley, Charles, *B.S., Loyola College, 1945*	Maryland
Baumann, Wilbur Nelson, *University of Maryland*	Maryland
Bisgyer, Jay Lewis, *University of Pennsylvania*	District of Columbia
Bleecker, Harry Harlan, Jr., *University of California*	California
Borges, Francis Joseph, *University of Maryland*	Maryland
Bradshaw, Raymond, Jr., *B.S., University of Maryland, 1943*	Maryland
Bronushas, Joseph Benedict B., *B.S., Loyola College, 1946*	Maryland
[1]Brown, Lorence Francis, *B.S., West Virginia Wesleyan College, 1943*	West Virginia
Burkey, Fred Jamison, *St. Francis College*	Maryland
Chelton, Louis Guy, *Gettysburg College*	Maryland
Coller, Jerome Joel, *A.B., The Johns Hopkins University, 1946*	Maryland
Corpenning, Tom Nye, *University of North Carolina*	North Carolina
Cowen, Joseph Robert, *The Johns Hopkins University*	Maryland
Cracraft, William Atkinson, *B.S., Virginia Military Institute, 1939*	West Virginia
[1]Cullison, Robert Morton, *A.B., University of Iowa, 1942*	Maryland
Daly, Harold Lawrence, Jr., *University of Maryland*	Maryland
Deitz, Leonard Loeb, *A.B., University of North Carolina, 1946*	Maryland
Demarest, Lawrence Mann, *B.S., Bowdoin College, 1945*	New York
Demmy, Nicholas, *B.S., University of Pittsburgh, 1942*	Pennsylvania
Edmunds, Frederick Thomas, *B.S., Hampden-Sydney College, 1941*	West Virginia
Farson, deCamp Butler, *A.B., Goucher College, 1942*	Maryland
[5]Golob, Charles George, *B.S., Pennsylvania State College, 1940*	Maryland
Googins, Charles George, *B.S., University of Maryland*	Kansas
Gould, Virginia Marie, *B.S., Nazareth College, 1941*	New York
Greenstein, George Herbert, *A.B., The Johns Hopkins University, 1941*	Maryland

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[1] Did not complete the year.

[5] Withdrew November 11, 1946, in good standing.

Hamberry, Leonard Gerard, *A.B., Loyola College, 1940*	Maryland
Hawkins, George Kenneth, *B.S., Upsala College, 1943*	New Jersey
Healy, John Clauson, *University of Connecticut*	Connecticut
Henson, Stanley Willard, Jr., *B.S., Oklahoma A. & M. College, 1945*	Maryland
Heuman, Philip Walter, *B.S., University of Michigan, 1941*	Maryland
Hofsteter, Grace, *College of Wooster*	Ohio
[6]Horowitz, Leon David, *B.S., Washington College*	Maryland
Hoyt, Irvin Gorman, *A.B., St. Johns College, Annapolis, 1939*	Maryland
Huffer, Sarah Virginia, *B.S., University of Maryland, 1940*	Maryland
Husted, Harriet Lamont, *A.B., Wells College, 1944*	New Jersey
Hyle, John Charles, *B.S., Loyola College, 1942*	Maryland
Ibsen, Maxwell, *A.B., The Johns Hopkins University, 1939; A.M., University of Pennsylvania, 1940*	Pennsylvania
Iten, George Joseph, *A.B., Goshen College, 1946*	California
Jenkins, Sarah Anetta, *B.S., George Washington University, 1946*	Maryland
Jensen, Roy David, *B.S., University of Nevada, 1941*	Nevada
[1]Jones, William Irving, Jr., *B.S., Washington College, 1943*	Maryland
Kasik, Frank Thomas, *University of Maryland*	Maryland
Kelley, Gordon William, *University of Maryland*	Maryland
[1]Klitenic, Simon, *University of Maryland*	Maryland
[1]Knight, William Ira Charles, *B.S., Elizabethtown College, 1946*	Pennsylvania
Lewis, Thomas Franklin, Jr., *A.B., Western Maryland College, 1941*	Maryland
Lichtenberg, Joseph David, *A.B., The Johns Hopkins University, 1943*	Maryland
Martin, George William, Jr., *University of Delaware*	Delaware
McElvain, Wilbert Harding, *B.S., Grove City College, 1943*	Pennsylvania
[1]Meese, Billie Getson, *University of Akron*	Maryland
Miller, Dorothea Anna, *B.S., Washington College, 1946*	Maryland
Miller, Robert Eugene, *A.B., Bridgewater College, 1943*	Maryland
Morenz, Gloria Elizabeth, *A.B., The College of Notre Dame, 1946*	Maryland
Myers, Evangeline, *A.B., West Virginia University, 1945; A.M., Columbia University, 1946*	West Virginia
Noguera, Julio Tomas, *University of Puerto Rico*	Puerto Rico
O'Malley, Joseph Edward, *Colby College*	Maryland
Rver, William Benjamin, Jr., *Cornell University*	Maryland
Reynaud, Louis Favrot, Jr., *Emory University*	Illinois
Richardson, Paul Frederick, *Baylor University*	Maryland
Righetti, Milton Raymond, *University of California*	California
Roth, Oliver Ralph, *University of Maryland*	Maryland
Rubin, Seymour Howard, *A.B., The Johns Hopkins University, 1946*	Maryland
Rudy, Norman Edward, *Fresno State College*	California
Sandler, Robert, *B.S., University of Maryland, 1943*	Maryland
Shamer, Miriam Abbott, *A.B., Goucher College, 1946*	Maryland
Shepherd, Frederick Parker, *A.B., Syracuse University, 1935*	Maryland
Simmons, Frederic Rudolph, Jr., *B.S., Loyola College, 1946*	Maryland
Sires, William Oscar, *Western Maryland College*	Maryland
Sklar, Allen Leon, *Western Maryland College*	Maryland
Smith, Boylston Dandridge, Jr., *West Virginia University*	West Virginia
Smith, Morton, *University of Maryland*	Maryland
Sosnowski, Andrew Raymond, *B.S., Loyola College, 1945*	Maryland
[1]Spanier, Allen Benson, *B.S., John B. Stetson University, 1946*	Florida
Spaulding, Raymond Charles, Jr., *B.S., John B. Stetson University, 1943*	Florida
Storm, Mary Elizabeth, *A.B., Swarthmore College, 1946*	Maryland
Sulka, Casimir Michael, *Loyola College*	Illinois
Thibadeau, Robert Torndorff, *B.S., University of Maryland, 1945*	Maryland
Thompson, William Wesley, *B.S., Washington College, 1938*	Maryland
Upton, Albert Louis, *A.B., University of California, 1942*	California
Van Goor, Kornelius, *Calvin College*	New Jersey
Vicens, Enrique A., *University of Puerto Rico*	Puerto Rico
[1]Vincent, William Gerald, *A.B., Western Maryland College, 1942*	Maryland
Weed, Elinor Coolidge, *A.B., Randolph-Macon Woman's College, 1946*	Maryland

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[1] Did not complete the year.

[6] Withdrew November 11, 1946 in good standing.

White, Fowler Felix, *B.S., Trinity College, 1942*	Connecticut
[4]Williams, Martin Shelton, *University of Virginia*	Virginia
Wilson, Clifford Edward, Jr., *Bowdoin College*	Connecticut
Wolf, Ernest Simon, *University of Maryland*	Maryland
Yeager, William Howard, Jr., *B.S., University of Maryland, 1944*	Maryland

SPECIAL STUDENTS

Alice Ruth Bentz, *B.S., University of Maryland, 1943*	Maryland

STUDENTS IN ART AS APPLIED TO MEDICINE

Margaret Wetherill Wood, *R.N.*	Maryland

POSTGRADUATE STUDENTS

July 1, 1946 to June 30, 1947

Surgical and Systemic Anatomy of Ear, Nose and Throat

	Medical School
Morris Edward Krucoff, M.D.	*George Washington University*
Clyde G. Sussman, M.D.	*University of Indiana*

Surgical Anatomy "B"

Edgar Berman, M.D.	*University of Maryland*
Charles Gallion, M.D.	*College of Medical Evangelists*
Milton Ginsberg, M.D.	*University of Maryland*
Jacob Katz, M.D.	*New York University*
Arthur W. Lyons, M.D.	*Tufts College Medical School*
Alfred F. Schmidt, M.D.	*Kansas University*
Paul E. Walker, M.D.	*University of Tennessee*

Refresher Course in General Medicine and Surgery

Richard L. Fowler, M.D.	*University of Maryland*
Georgia Funtanellas, M.D.	*University of Havana*
Helene D. Michel, M.D.	*Johns Hopkins University*
John C. Osborne, M.D.	*University of Maryland*
Maurice I. Shub, M.D.	*University of Maryland*
Gertrude Sonnenfeldt, M.D.	*Friedrich Wilhelm University, Berlin, Germany*
Alfred W. Yocum, M.D.	*Baltimore Medical College*

Gynecology and Obstetrics "A"

Fay M. Nace, M.D.	*University of Oregon*
Keaciel Krulevitz, M.D.	*University of Maryland*

Gynecology, Oncology and Female Urology "B"

Fay M. Nace, M.D.	*University of Oregon*

Neuropathology

Sidney R. Govans, M.D.	*University of Maryland*
Jack R. Jarvie, M.D.	*Vanderbilt University Medical School*

Pathology "B" (Surgical)

Theodore Kardash, M.D.	*University of Maryland*
Robert Hilton Williams, M.D.	*University of Indiana*

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[4] Did not complete the year—illness.

PATHOLOGY (SPECIAL)

SAMUEL J. ARNOLD, M.D.	
MORRIS BURLESON, M.D.	*Duke University*
GABRIEL F. CUCOLO, M.D.	
CHARLES S. GALLION, M.D.	*College of Medical Evangelists*
MILTON GINSBERG, M.D.	*University of Maryland*
WILLIAM H. HEATH, M.D.	*University of Tenneessee*
JACOB F. KATZ, M.D.	*New York University*
GEORGE W. SMITH, M.D.	*University of Indiana*
S. JAMES THOMSON, JR., M.D.	*New York University*

SUMMARY OF STUDENTS

September 5, 1946 to June 7, 1947

Medical Students	*Male*	*Female*	*Total*
Senior Class	93	4	97
Junior Class	74	6	80
Sophomore Class	62	7	69
Freshman Class	78	12	90
	307	29	336
Withdrawals	13		13
	294	29	323
Special students	0	1	1
Students in art as applied to medicine	0	1	1
	294	31	325

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

September 5, 1946 to June 7, 1947

Alabama	3
California	11
Connecticut	4
Delaware	1
District of Columbia	5
Florida	6
Georgia	2
Illinois	6
Indiana	3
Kansas	1
Kentucky	1
Maryland	160
Massachusetts	3
Michigan	2
Minnesota	3
Mississippi	1
Missouri	1
Nebraska	2
Nevada	2
New Jersey	11
New York	12
North Carolina	24
Ohio	6
Oregon	1
Pennsylvania	27
Rhode Island	1
Texas	1
Utah	1
Virginia	14
Washington	1
West Virginia	15

UNITED STATES POSSESSIONS

Puerto Rico	5

LIST OF COLLEGE SOURCES OF STUDENTS ENROLLED

September 5, 1946 to June 7, 1947

Akron, University of	1
Alabama, University of	1
Amherst College	1
Bates College	1
Baylor University	1
Bethany College	9
Bowdoin College	2
Bridgewater College	2
Brooklyn College	1
California, University of	5
Calvin College	1
Carleton College	1
Chicago, University of	2
Citadel, The	1
Colby College	1
Colorado College	1
Columbia University	1
Connecticut, University of	1
Cornell University	5
Dartmouth College	1
Davidson College	3
Delaware, University of	1
Duke University	8
Elizabethtown College	1
Emory University	7
Emory and Henry College	1
Evansville College	1
Florida, University of	1
Fordham University	1
Franklin & Marshall College	5
Fresno State College	1
Geneva College	1
George Washington University	1
Gettysburg College	3
Goshen College	1
Goucher College	3
Grove City College	1
Guilford College	1
Hampden-Sydney College	3
Hollins College	1
Holy Cross, College of The	2
Iowa, University of	1
Johns Hopkins University, The	31
Loras College	1
Loyola College	20
Marquette University	1
Maryland, University of	54
Miami, University of (Florida)	1
Michigan, University of	3
Milligan College	1
Minnesota, University of	3
Mississippi, University of	1
Mt. St. Mary's College	1
Muhlenberg College	1
Nazareth College	1
Nevada, University of	2
New Hampshire, University of	1
North Carolina, University of	18
Notre Dame of Maryland, College of	4
Notre Dame, University of	2
Oberlin College	1
Ohio University	1
Oklahoma A. & M. College	1
Oregon, University of	1
Pennsylvania State College	4
Pennsylvania, University of	6
Pittsburgh, University of	2
Potomac State School, W. Va.	1
Puerto Rico, University of	4
Puget Sound, College of	1
Randolph-Macon Woman's College	1
Richmond, University of	4
Rochester, University of	1
St. Francis College	1
St. John's College, Annapolis	1
St. Lawrence University	1
St. Louis University	1
St. Peter's College	1
Seton Hill College	1
Southern California, University of	1
South Carolina, University of State of	1
Stanford University	1
Stetson University, John B.	2
Swarthmore College	2
Syracuse University	1
Taylor University	1
Temple University	2
Texas Technological College	2
Transylvania College	1
Trinity College	1
Tufts College	1
Union College	1
Upsala College	1
Ursinus College	1
Vanderbilt University	2
Villa Maria College	1
Virginia Military Institute	2
Virginia, University of	4
Wagner College	1
Wake Forest College	1
Washington College	10
Washington University	2
Washington & Jefferson College	2
Washington and Lee University	1
Wells College	1
Wesleyan University	1
Western Maryland College	14
Westminster College	1
West Virginia University	5
West Virginia Wesleyan College	2
Wheaton College	2
Wooster, College of	2

MEDICAL ALUMNI ASSOCIATION

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(Term beginning July 1, 1947 and ending June 30, 1948)

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I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine..

(Here state amount or describe property)

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine..

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University of Maryland, coming under the same government. It is a non-sectarian school, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 435 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing.

Programs offered: The programs of study of the school are planned for two groups of students: (a) the five-year group, (b) the 36-month group.

The requirements for admission to the five-year program of the School of Nursing are the same as for other colleges of the University. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and to the diploma of the University Hospital School of Nursing.

The requirements for admission to the 36-month program are the satisfactory completion of an academic course in an approved high school. The completion of this course entitles the student to the diploma of the University of Maryland School of Nursing.

Applications and catalogues may be obtained from the Director of the School of Nursing, University Hospital, Baltimore 1, Md.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated on December 23, 1901. It is an integral part of the Mercy Hospital and is under the same government. Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and affiliated sciences.

The University of Maryland, in affiliation with the Mercy Hospital School of Nursing, offers a five year combined Academic and Nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland, and to the diploma of the Mercy Hospital School of Nursing. Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching institutions. This program consequently offers a distinct advantage.

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The Frank C. Bressler Research Laboratory

University Hospital

VOLUME 33 NUMBER 2

BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

SEPTEMBER, 1948

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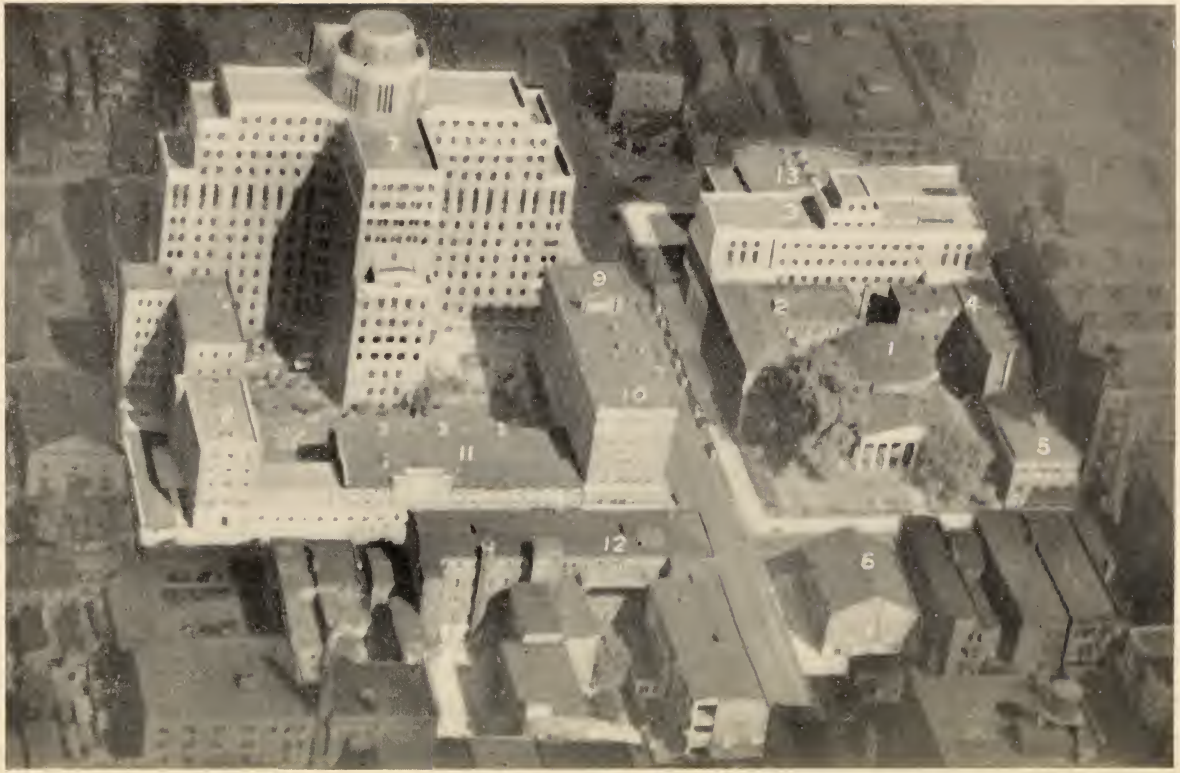

Baltimore Schools—University of Maryland

1. Original Medical Building
2. Laboratory Building, Medicine
3. Bressler Building, Medicine
4. Gray Laboratory, Student's Lounge, Medicine
5. Administration Building, College of Education, Baltimore Division
6. Medical Library
7. University Hospital
8. Nurses' Home, Medicine
9. School of Pharmacy
10. School of Dentistry
11. Dental Clinic
12. Out-Patient Clinics, Medicine
13. School of Law

BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

SEPTEMBER, 1948

Announcements for

The One Hundred Forty-Third Academic Session
1948–1949

Catalogue of
The One Hundred Forty-Second Academic Session
1947–1948

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CALENDAR

ACADEMIC YEAR—SEPTEMBER 16, 1948 TO JUNE 4, 1949

1948			
September	8, 9, 10		Re-examinations for advancement.

FIRST SEMESTER—September 16, 1948 to January 22, 1949

September	14	Tuesday	*Registration, payment of fees, freshmen and sophomores.
September	15	Wednesday	*Registration and payment of fees by all other students.
September	16	Thursday	Instruction begins at 8:30 A.M.
November	24	Wednesday	Instruction suspended at 5:00 P.M.
			Thanksgiving Holidays
November	29	Monday	Instruction resumed.
December	22	Wednesday	Instruction suspended at 5:00 P.M.
			Christmas Holidays
1949			
January	3	Monday	Instruction resumed.
January	17	Monday	Midyear examinations, all classes.
	to		*Payment of fees for second semester.
January	22	Saturday	First semester completed 2:00 P.M.

SECOND SEMESTER—January 24 to June 4, 1949

January	24	Monday	Instruction begins at 8:30 A.M.
February	21	Monday	Instruction suspended at 5:00 P.M.
February	22	Tuesday	Holiday—Washington's Birthday
February	23	Wednesday	Instruction resumed.
April	13	Wednesday	Instruction suspended at 5:00 P.M.
			Easter Holidays
April	21	Thursday	Instruction resumed.
May	9	Monday	Senior examinations begin.
May	16	Monday	Junior examinations begin.
May	23	Monday	Junior examinations continue.
			Sophomore and Freshmen examinations begin.
May	28	Saturday	Announcement of graduates.
May	30	Monday	Holiday—Memorial Day
June	4	Saturday	Commencement
			Second semester completed at 12:30 P.M.

PARTIAL CALENDAR FOR 1949-1950

1949			
September	7, 8, 9		Re-examinations for advancement.
September	13	Tuesday	*Registration and payment of fees by freshmen and sophomores.
September	14	Wednesday	*Registration and payment of fees by all other students.
September	15	Thursday	Instruction begins at 8:30 A.M.

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* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars ($5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 5:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

Harry Clifton Byrd, B.S., LL.D., D.Sc., *President and Executive Officer*

BOARD OF REGENTS

		Term Expires
William P. Cole, Jr., *Chairman*	Baltimore	1949
Stanford Z. Rothschild, *Secretary*	Baltimore	1952
J. Milton Patterson, *Treasurer*	Baltimore	1953
Edward F. Holter	Middletown	1952
E. Paul Knotts	Denton	1954
Glenn L. Martin[3]	Baltimore	1951
Charles P. McCormick	Baltimore	1948
Harry H. Nuttle	Denton	1959
Philip C. Turner	Baltimore	1950
Millard E. Tydings	Washington, D. C.	1951
Mrs. John L. Whitehurst	Baltimore	1956
Peter W. Chichester	Frederick	1957

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Faculty Council, composed of the Dean and members of its faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Education (Baltimore Division)

At College Park

The College of Agricultural
The College of Arts and Sciences
The College of Business and Public Administration
The College of Commerce
The College of Education
The College of Engineering
The College of Home Economics
The Graduate School
The Department of Military Science and Tactics
The Department of Physical Education and Recreation
The Summer School

ADMINISTRATIVE OFFICERS

School of Medicine

H. C. Byrd, B.S., L.L.D., D.Sc.	*President of the University*
Maurice C. Pincoffs, B.S., M.D.,	*Assistant to the President*
H. Boyd Wylie, M.D.	*Dean*
O. G. Harne	*Assistant to the Dean*
Alma H. Preinkert, M.A.	*Registrar*
Edgar F. Long, Ph.D	*Director of Admissions*

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[3] Resigned July 1, 1948.

FACULTY OF MEDICINE

EMERITI

J. Frank Crouch, M.D.	Professor of Clinical Ophthalmology and Otology, Emeritus
Harry Friedenwald, A.B., M.D., D.H.L., D.Sc.	Professor of Ophthalmology, Emeritus
William S. Gardner, M.D.	Professor of Gynecology, Emeritus[5]
J. M. H. Rowland, M.D., D.Sc., LL.D.	Professor of Obstetrics, Emeritus; Dean, Emeritus
J. Dawson Reeder, M.D.	Professor of Proctology, Emeritus
Henry J. Walton, M.D.	Professor of Roentgenology, Emeritus
Page Edmunds, M.D.	Professor of Traumatic Surgery, Emeritus
Ruth Lee Briscoe	Librarian, Emeritus
Albertus Cotton, M.A., M.D.	Professor of Orthopaedic Surgery, and Roentgenology, Emeritus
William Tarun, M.D.	Professor of Ophthalmology, Emeritus[5a]
Joseph E. Gichner, M.D.	Professor of Clinical Medicine and Physical Therapeutics, Emeritus
Harvey G. Beck, M.D., D.Sc.	Professor of Clinical Medicine, Emeritus
Irving J. Spear, M.D.	Professor of Neurology, Emeritus
Compton Riely, M.D.	Clinical Professor of Orthopedic Surgery, Emeritus[5d]
Carl L. Davis, M.D.	Professor of Anatomy, Emeritus
Arthur M. Shipley, M.D., D.Sc.	Professor of Surgery, Emeritus

FACULTY BOARD

Dean H. Boyd Wylie, *Chairman*
O. G. Harne, *Secretary*

William R. Amberson
Franklin B. Anderson
James G. Arnold, Jr.
Walter A. Baetjer
Charles Bagley, Jr.
J. Edmund Bradley
Otto C. Brantigan
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Thomas R. Chambers
Carl Dame Clarke
Ross McC. Chapman
Paul W. Clough
Richard G. Coblentz
Beverley C. Compton
Charles N. Davidson
Louis H. Douglass
C. Reid Edwards
Monte Edwards
Frank H. J. Figge
A. H. Finkelstein
Leon Freedom
Edgar B. Friedenwald
Thomas K. Galvin
Moses Gellman
Andrew C. Gillis
Frank W. Hachtel
Harold E. Harrison
Cyrus F. Horine
J. Mason Hundley, Jr.
Elliott H. Hutchins
Edward S. Johnson
F. L. Jennings
C. Loring Joslin
Walter L. Kilby
Edward A. Kitlowski
Vernon E. Krahl
John C. Krantz, Jr.
Louis A. M. Krause
Kenneth D. Legge
R. W. Locher
G. Carroll Lockard
Edward A. Looper
William S. Love, Jr.
John F. Lutz
Stanley H. Macht
Howard J. Maldeis
Charles W. Maxson
Zachariah Morgan
Theodore H. Morrison
Alfred T. Nelson
Emil Novak
Thomas R. O'Rourk
Robert H. Oster
C. W. Peake
D. J. Pessagno
H. R. Peters
Maurice C. Pincoffs
J. G. M. Reese
Charles A. Reifschneider
Dexter L. Reimann
Harry M. Robinson, Sr.
Harry L. Rogers

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[5] Died Feb. 18, 1948.
[5a] Died Nov. 21, 1947.
[5d] Died July 27, 1948.

Milton S. Sacks
Emil G. Schmidt
Dietrich C. Smith
R. Dale Smith
William H. Smith
Hugh R. Spencer
Thomas P. Sprunt
W. Houston Toulson
Ralph P. Truitt
Eduard Uhlenhuth
Henry F. Ullrich
Allen F. Voshell
John A. Wagner
Grant E. Ward
C. Gardner Warner
Huntington Williams
Walter D. Wise
Theodore E. Woodward
Thomas C. Wolff
Robert B. Wright
George H. Yeager
Waitman F. Zinn

EXECUTIVE COMMITTEE OF THE FACULTY

Dean H. Boyd Wylie, *Chairman*
O. G. Harne, *Secretary*

Louis H. Douglass
Charles Reid Edwards
Frank W. Hachtel
J. Mason Hundley, Jr.
Emil G. Schmidt
T. Nelson Carey
Hugh R. Spencer

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.

William R. Amberson, Ph.D., Professor of Physiology.

George M. Anderson, D.D.S., Professor of Orthodontics, School of Dentistry.

Thomas B. Aycock, B.S., M.D., Professor of Clinical Surgery.[5b]

Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.

Charles F. Blake, M.A., M.D., Professor of Proctology.[5c]

Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Clinical Professor of Surgery.

T. Nelson Carey, M.D., Professor of Clinical Medicine[2] and Chairman of the Department of Medicine.

Ross McC. Chapman, M.D., Professor of Psychiatry.

Clyde A. Clapp, M.D., Professor of Ophthalmology.[3]

Richard G. Coblentz, M.A., M.D., Clinical Professor of Neurological Surgery.

Carl L. Davis, M.D., Professor of Anatomy.[7]

Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.

Louis H. Douglass, M.D., Professor of Obstetrics.

Frederick C. Dye, A.B., M.D., Professor of Anaesthesiology.[3a]

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1947 to June 30, 1948 unless otherwise indicated. Changes are noted as follows:

[1] Appointments effective July 1, 1948.
[2] Promotions effective July 1, 1948.
[3] Resignations effective July 1, 1948.
[4] On leave, effective July 1, 1948.
[3a] Resignation effective July 31, 1948.
[5b] Died Jan. 7, 1948.
[5c] Died Mar. 20, 1948.
[7] Retired July 15, 1948.

Charles Reid Edwards, M.D., Professor of Surgery.
Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology;
Frank H. J. Figge, Ph.D., Professor of Experimental Anatomy.
H. K. Fleck, M.D., Clinical Professor of Ophthalmology.
Edgar B. Friedenwald, M.D., Professor of Clinical Pediatrics.
Thomas K. Galvin, M.D., Clinical Professor of Gynecology.
Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.
Andrew C. Gillis, M.A., M.D., LL.D., Professor of Neurology.
Frank W. Hachtel, M.D., Professor of Bacteriology.
William E. Hahn, A.B., M.S., D.D.S., Professor of Anatomy, School of Dentistry.
Harry C. Hull, M.D., Clinical Professor of Surgery.
J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology.
Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
F. L. Jennings, M.D., Professor of Clinical Surgery.
C. Loring Joslin, M.D., Professor of Pediatrics.
Walter L. Kilby, M.D., Professor of Roentgenology.
Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology.
Louis A. M. Krause, M.D., Professor of Clinical Medicine.
Kenneth D. Legge, M.D., Professor of Clinical Genito-Urinary Surgery.
G. Carroll Lockard, M.D., Professor of Clinical Medicine.
Edward A. Looper, M.D., D.Oph., Professor of Rhinology and Laryngology.
Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.
Thomas R. O'Rourk, M.D., Clinical Professor of Otology, Associate Professor of Rhinology and Laryngology.
Robert H. Oster, Ph.D., Professor of Physiology, School of Dentistry.
D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine.
Maurice C. Pincoffs, B.S., M.D., Professor of Medicine.
Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.
Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.
Harry M. Robinson, Sr., M.D., Professor of Dermatology.
Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry.[1]
Arthur M. Shipley, M.D., D.Sc., Professor of Surgery.[3b]
Hugh R. Spencer, M.D., Professor of Pathology.
Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.
W. Houston Toulson, M.Sc., M.D., Professor of Genito-Urinary Surgery.
Ralph P. Truitt, M.D., Professor of Clinical Psychiatry.
Eduard Uhlenhuth, Ph.D., Professor of Anatomy.
Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
Walter D. Wise, M.D., Professor of Surgery.
H. Boyd Wylie, M.D., Dean[1a] and Professor of Biological Chemistry.[3]
George H. Yeager, B.S., M.D., Clinical Professor of Surgery.
Waitman F. Zinn, M.D., Clinical Professor of Rhinology and Laryngology.

[1a] Appointed June 15, 1948.

[3b] Resigned July 8, 1948.

ASSOCIATE PROFESSORS

Franklin B. Anderson, M.D., Associate Professor of Rhinology and Laryngology, and Otology.

James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.

Walter A. Baetjer, A.B., M.D., Associate Professor of Medicine.

J. McFarland Bergland, B.S., M.D., Associate Professor of Obstetrics.[3]

J. Edmund Bradley, M.D., Associate Professor of Pediatrics.[2]

H. M. Bubert, M.D., Associate Professor of Medicine.

C. Jelleff Carr, Ph.D., Associate Professor of Pharmacology.

Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.

Carl Dame Clarke, M.A., Associate Professor of Art as Applied to Medicine.

Paul W. Clough, B.S., M.D., Associate Professor of Medicine.

Charles N. Davidson, M.D., Associate Professor of Roentgenology.

Ross Davies, M.D., Associate Professor of Hygiene and Public Health.

Edward C. Dobbs, D.D.S., Associate Professor of Pharmacology, School of Dentistry.

J. S. Eastland, M.D., Associate Professor of Medicine.[2]

A. H. Finkelstein, M.D., Associate Professor of Pediatrics.[2]

Leon Freedom, M.D., Professor of Neurology, and Associate in Pathology.

Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.

O. G. Harne, Associate Professor of Histology, and Asst. to the Dean.

Harold E. Harrison, B.S., M.D., Associate Professor of Pediatrics.

Horace Hodes, M.D., Associate Professor of Hygiene and Public Health.

Cyrus F. Horine, M.D., Associate Professor of Surgery.

Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics.

Edward S. Johnson, M.D., Associate Professor of Surgery.

Vernon E. Krahl, B.S., M.S., Ph.D., Associate Professor of Gross Anatomy.

R. W. Locher, M.D., Associate Professor of Clinical Surgery.

William S. Love, Jr., A.B., M.D., Associate Professor of Medicine.

Howard J. Maldeis, M.D., Associate Professor of Legal Medicine and Associate in Pathology.

Charles W. Maxson, M.D., Associate Professor of Surgery.

James G. McAlpine, Ph.D., Associate Professor of Bacteriology.[3]

Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.[2]

Samuel Morrison, A.B., M.D., Associate Professor of Medicine[2], Associate Professor of Gastro-enterology[1]

H. Whitman Newell, M.D., Associate Professor of Psychiatry.

Emil Novak, A.B., M.D., D.Sc., Associate Professor of Obstetrics.

C. W. Peake, M.D., Associate Professor of Surgery.

J. G. M. Reese, M.D., Associate Professor of Obstetrics.

Benjamin S. Rich, A.B., M.D., Associate Professor of Rhinology and Laryngology, Associate in Otology.

Milton S. Sacks, M.D., Associate Professor of Medicine[2] and Head of Clinical Pathology, Associate in Pathology

Dietrich Conrad Smith, Ph.D., Associate Professor of Physiology.

Frederick B. Smith, M.D., Associate Clinical Professor of Pediatrics.

William H. Smith, M.D., Associate Professor of Clinical Medicine.

Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.

Grant E. Ward, A.B., M.D., Associate Professor of Surgery and Oral Surgery.

C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.

William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
Glenn S. Weiland, Ph.D., Associate Professor of Biochemistry[2]
Thomas C. Wolff, M.D., Associate Professor of Medicine.[2]
Theodore E. Woodward, M.D., Associate Professor of Medicine[2]
Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
Joseph C. Biddix, Jr., D.D.S., Assistant Professor of Clinical Operative Dentistry, School of Dentistry.
H. F. Bongardt, M.D., Assistant Professor of Surgery.
Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
Edward F. Cotter, M.D., Assistant Professor of Medicine, Associate in Neurology.[2]
J. G. N. Cushing, M.D., Assistant Professor of Psychiatry[2]
William W. Elgin, M.D., Assistant Professor of Psychiatry[2]
Francis A. Ellis, A.B., M.D., Assistant Professor of Dermatology.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
Wetherbee Fort, M.D., Assistant Professor of Medicine.
Frank J. Geraghty, M.D., Assistant Professor of Medicine.
Francis W. Gillis, M.D., Assistant Professor of Genito-Urinary Surgery.
Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
Harry Goldsmith, M.D., Assistant Professor of Psychiatry.
Albert E. Goldstein, M.D., Assistant Professor of Pathology.
Henry F. Graff, A.B., M.D., Assistant Professor of Ophthalmology[6].
Hugh T. Hicks, D.D.S., Assistant Professor of Periodontology, School of Dentistry.
Harry K. Iwamota, Ph.D., Assistant Professor of Pharmacology.
H. Vernon Langeluttig, M.D., Assistant Professor of Medicine.[2]
Philip L. Lerner, Assistant Professor of Neurology.
Hans W. Loewald, Assistant Professor of Psychiatry.
John F. Lutz, A.B., M.D., Assistant Professor of Histology.
Stanley H. Macht, B.S., M.D., Assistant Professor of Roentgenology.
Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Pathology.
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.
Alfred T. Nelson, M.D., Assistant Professor of Anaesthesiology.
James W. Nelson, M.D., Assistant Professor of Surgery.
M. Alexander Novey, A.B., M.D., Assistant Professor of Obstetrics.
Dexter L. Reimann, B.S., M.D., Assistant Professor of Pathology.
I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
Harry M. Robinson, Jr., B.S., M.D., Assistant Professor of Dermatology, Associate in Medicine.
John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
Isadore A. Siegel, A.B., M.D., Assistant Professor of Obstetrics.
Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
R. Dale Smith, Ph.D., Assistant Professor of Gross Anatomy.
Sol Smith, M.D., Assistant Professor of Medicine.

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[6] Resigned February 1, 1948.

Lewis C. Toomey, D.D.S., Assistant Professor of Oral Surgery, School of Dentistry.[1]
J. Ridgeway Trimble, M.D., Assistant Professor of Surgery.
John A. Wagner, B.S., M.D., Assistant Professor of Pathology and Neuropathology Assistant in Medicine.
Philip S. Wagner, M.D., Assistant Professor of Psychiatry.
W. Wallace Walker, M.D., Assistant Professor of Surgery and Surgical Anatomy.
Asa D. Young, M.D., Assistant Professor of Roentgenology.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine.
Marie A. Andersch, Ph.D., Associate in Medicine.
Margaret B. Ballard, M.D., Associate in Obstetrics.
Donald J. Barnett, M.D., Associate in Roentgenology.
Eugene S. Bereston, A.B., M.D., Associate in Dermatology.
Kenneth B. Boyd, A.B., M.D., Associate in Gynecology and Assistant in Obstetrics.
M. Paul Byerly, M.D., Associate in Medicine.
Beverley C. Compton, A.B., M.D., Associate in Gynecology.
Ernest I. Cornbrooks, A.B., M.D., Associate in Gynecology.[2]
W. A. H. Councill, M.D., Associate in Genito-Urinary Surgery.
Francis G. Dickey, M.D., Associate in Medicine.
D. McClelland Dixon, M.D., Associate in Obstetrics and Instructor in Pathology.
Everett S. Diggs, B.S., M.D., Associate in Gynecology.[2]
William K. Diehl, M.D., Associate in Gynecology.[2]
John C. Dumler, B.S., M.D., Associate in Gynecology.
J. J. Erwin, M.D., Associate in Gynecology.
Houston Everett, M.D., Associate in Gynecology.[3]
L. K. Fargo, M.D., Associate in Genito-Urinary Surgery.
William L. Fearing, M.D., Associate in Neurology.
Jerome Fineman, M.D., Associate in Pediatrics.[2]
Samuel L. Fox, M.D., Associate in Rhinology, Laryngology and Otology.
Irving Freeman, M.D., Associate in Medicine.
George Govatos, A.B., M.D., Associate in Surgery.
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine.
John T. Hibbitts, M.D., Associate in Gynecology.
Leslie B. Hohman, M.D., Associate in Psychiatry[2]
John F. Hogan, M.D., Associate in Genito-Urinary Surgery.
Henry W. D. Holljes, M.D., Associate in Medicine[1]
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Meyer W. Jacobson, M.D., Associate in Medicine.
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
D. Frank Kaltreider, A.B., M.D., Associate in Obstetrics.
Arthur Karfgin, B.S., M.D., Associate in Medicine.
Fayne A. Kayser, M.D., Associate in Rhinology and Laryngology.
Joseph I. Kemler, M.D., Associate in Ophthalmology.
F. Edwin Knowles, Jr., M.D., Associate in Ophthalmology.
Frederick T. Kyper, M.D., D.Sc., Associate in Rhinology, Laryngology, and Bronchoscopy, Instructor in Otology.
C. Edward Leach, M.D., Associate in Medicine.
Samuel Legum, M.D., Associate in Medicine.

Ephraim T. Lisansky, M.D., Associate in Medicine.
H. Edmund Levin, B.S., M.D., Associate in Bacteriology, Instructor in Medicine.[3]
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.
Lyle J. Millan, M.D., Associate in Genito-Urinary Surgery.
Frank K. Morris, A.B., M.D., Associate in Gynecology, Instructor in Obstetrics.
W. Raymond McKenzie, M.D., Associate in Rhinology and Laryngology.
Hugh B. McNally, B.S., M.D., Associate in Obstetrics.
S. Edwin Muller, M.D., Associate in Medicine[2]
Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.[2]
Robert A. Reiter, M.D., Associate in Medicine.
Samuel T. R. Revell, M.D., Associate in Medicine.
William F. Rienhoff, Jr., M.D., Associate in Surgery.
Henry L. Rigdon, M.D., Associate in Surgery and Surgical Anatomy.[2]
R. C. V. Robinson, M.D., Associate in Dermatology[2]
Kathyrn L. Schultz, M.D., Associate in Psychiatry.
Theodore A. Schwartz, M.D., Associate in Rhinology and Laryngology.
William M. Seabold, A.B., M.D., Associate in Pediatrics.
Lawrence M. Serra, M.D., Associate in Medicine.
William B. Settle, M.D., Associate in Surgery, Instructor in Surgical Anatomy.
A. Albert Shapiro, B.S., M.D., Associate in Dermatology.[2]
Arthur G. Siwinski, A.B., M.D., Associate in Surgery.
Benedict Skitarelic, A.B., M.D., Associate in Pathology.
Henry A. Teitlebaum, B.S., M.D., Ph.D., Associate in Neurology[1]
Isadore Tuerk, M.D., Associate in Psychiatry[1]
William K. Waller, M.D., Associate in Medicine.
Gibson J. Wells, M.D., Associate in Pediatrics.
Milton J. Wilder, M.D., Associate in Orthopaedic Surgery.[2]
Austin H. Wood, M.D., Associate in Genito-Urinary Surgery.
Israel Zeligman, A.B., M.D., Associate in Dermatology.

LECTURERS

Jonas Friedenwald, M.A., M.D., Lecturer in Ophthalmic Pathology.
Leonard Karel, Ph.D., Lecturer in Pharmacology.
Stephen Krop, Ph.D., Lecturer in Pharmacology.
Joseph M. Miller, M.D., Lecturer in Surgery.

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
Leon Ashman, M.D., Instructor in Medicine.
Edmund G. Beacham, M.D., Instructor in Medicine.[1]
John Z. Bowers, B.S., M.D., Instructor in Medicine.
Harry C. Bowie, B.S., M.D., Instructor in Surgery and Surgical Anatomy.
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
George H. Brouillet, B.S., M.D., Instructor in Surgery, and Assistant in Surgical Anatomy.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
Samuel H. Bryant, A.B., D.D.S., Instructor in Oral Diagnosis, School of Dentistry.
William J. Bryson, A.B., M.D., Instructor in Pathology[2]
Harold H. Burns, M.D., Instructor in Surgery.

Lucile J. Caldwell, M.D., Instructor in Dermatology.
Mary E. Chinn, A.B., Instructor in Physiology.[3a]
Richard J. Colfer, B.S., M.D., Instructor in Pathology
Joseph M. Cordi, M.D., Instructor in Pediatrics[2]
Stuart G. Coughlan, B.S., M.D., Instructor in Surgery.
John R. Davis, M.D., Instructor in Medicine.[2]
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
Martha C. Eaton, A.B., Sc.M., Instructor in Hygiene and Public Health.[1]
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
Philip D. Flynn, M.D., Instructor in Medicine.
Paul N. Friedman, A.B., M.D., Instructor in Ophthalmology.[1]
William L. Garlick, A.B., M.D., Instructor in Surgery.
Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.
Russell Gigliotti, D.D.S., Instructor in Oral Diagnosis School of Dentistry.[1]
Samuel J. Hankin, M.D. Instructor in Medicine.
Alvin J. Hartz, A.B., M.D., Instructor in Medicine.
Mary L. Hayleck, M.D., Instructor in Pediatrics.
Robert F. Healy, M.D., Instructor in Surgery.
William G. Helfrich, B.S., M.D., Instructor in Medicine.
Benjamin Highstein, M.D., Instructor in Dermatology.
F. A. Holden, M.D., Instructor in Ophthalmology.[3]
Calvin Hyman, M.D., Instructor in Surgery.
Benjamin H. Isaacs, A.B., M.D., Instructor in Rhinology and Laryngology.
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
Clyde F. Karns, B.S., M.D., Instructor in Surgery.
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
Louis J. Kroll, A.B., M.D., Instructor in Medicine.
Arnold F. Lavenstein, Instructor in Pediatrics.
Kurt Levy, M.D., Instructor in Medicine.
Joseph H. Marshall, M.D., Instructor in Psychiatry.
Henry J. Marriott, M.A., B.M., Instructor in Medicine.[2]
Karl F. Mech, B.S., M.D., Instructor in Gross Anatomy, and Pathology.
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
J. Duer Moores, B.S., M.D., Instructor in Surgery.
J. Huff Morrison, M.D., Instructor in Obstetrics.
S. Edwin Muller, M.D., Instructor in Medicine.
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
Francis J. McLaughlin, M.D., Instructor in Psychiatry.
Samuel Novey, M.D., Instructor in Psychiatry.
M. Paul Padget, M.D., Instructor in Medicine.
William A. Parr, M.D., Instructor in Otology.
Richard H. Pembroke, Jr., A.B., M.D., Instructor in Psychiatry.
Eugene L. Pessagno, A.B., D.D.S., Instructor in Operative Surgery, School of Dentistry.
Ross Z. Pierpont, M.D., Instructor in Surgical Anatomy.[2]
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.
Daniel R. Robinson, M.D., Instructor in Surgery.
Seymour W. Rubin, M.D., Instructor in Pathology.

[3a] Resigned July 31, 1948.

Clarence P. Scarborough, M.D., Instructor in Surgery.[2]
John F. Schaefer, B.S., M.D., Instructor in Surgery.
Robert C. Sheppard, M.D., Instructor in Surgery.
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
Ruby A. Smith, B.S., M.D., Instructor in Ophthalmology.[1]
Cleo D. Stiles, M.D., instructor in Ophthalmology.[1]
David Tenner, M.D., Instructor in Medicine.
Wilfred H. Townshend, Jr., A.B., M.D., Instructor in Medicine.
William D. VandeGrift, M.D., Instructor in Pathology.
Harold L. Vyner, M.D., Instructor in Psychiatry.
Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.[2]
Daniel Wilfson, Jr., A.B., M.D., Instructor in Medicine.

ASSISTANTS

Earnest E. Banfield, M.D., Assistant in Plastic Surgery.[1]
Robert E. Bauer, A.B., M.D., Assistant in Pathology.[1]
Harry McB. Beck, M.D., Assistant in Gynecology.
Robert Z. Berry, A.B., M.D., Assistant in Rhinology and Laryngology.
Frances M. Blackburn, Assistant in Art as Applied to Medicine.[1]
George H. Brouillet, B.S., M.D., Assistant in Surgical Anatomy.[1]
Frances C. Brown, A.B., Assistant in Physiology.[6a]
Joseph G. Bird, A.B., M.D., Assistant in Pharmacology.
A. V. Buchness, A.B., M.D., Assistant in Surgery.
John W. Chambers, M.D., Assistant in Surgery, and Neurological Surgery.
Robert G. Chambers, M.D., Assistant in Surgery and Plastic Surgery.[1]
L. T. Chance, M.D., Assistant in Surgery.
Jerome Cohn, M.D., Assistant in Medicine.[6]
Jonas Cohen, M.D., Assistant in Medicine.[1]
Morris M. Cohen, M.D., Assistant in Dermatology.[1]
Donald D. Cooper, M.D., Assistant in Pediatrics.[1]
Samuel H. Culver, M.D., Assistant in Surgery.
Raymond M. Cunningham, A.B., M.D., Assistant in Surgery, and Proctology.
Edwin O. Daue, Jr., B.S., M.D., Assistant in Surgery.[3]
E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.
George H. Davis, M.D., Assistant in Obstetrics.
John B. DeHoff, M.D., Assistant in Medicine.
William A. Dodd, M.D., Assistant in Gynecology.
Charles H. Doeller, Jr., A.B., M.D., Assistant in Obstetrics and Gynecology.
William C. Duffy, A.B., M.D., Assistant in Gynecology.
William C. Dunnigan, A.B., M.D., Assistant in Surgery.
Morris A. Fine, M.D., Assistant in Medicine and Genito-Urinary Surgery.
Donald E. Fisher, M.D., Assistant in Pathology.[1]
Audrey M. Funk, A.B., Assistant in Medicine.
William H. Fusting, M.D., Assistant in Medicine.[1]
L. Calvin Gareis, B.S., M.D., Assistant in Obstetrics.
William R. Geraghty, B.S., M.D., Assistant in Surgery.

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[6] Appointed September 1st 1947.

[6a] Appointment effective September 1, 1948.

H. L. Granoff, A.B., M.D., Assistant in Gynecology.
Richard D. Grill, Assistant in Art as Applied to Medicine.
Joseph B. Gross, B.S., M.D., Assistant in Medicine.
John S. Haines, M.D., Assistant in Genito-Urinary Surgery.
Donald B. Hebb, M.D., Assistant in Surgery and Proctology.
John S. Haught, M.D., Assistant in Gynecology.
L. Ann Hellen, B.S., Assistant in Medicine.
Sylvia Himmelfarb, A.B., Assistant in Physiology.[6a]
John H. Hirschfeld, M.D., Assistant in Rhinology and Laryngology.
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
Rollin C. Hudson, M.D., Assistant in Medicine.
Hugh Jewett, M.D., Assistant in Genito-Urinary Surgery.
Harry F. Kane, M.D., Assistant in Gynecology.
James R. Karns, B.S., M.D., Assistant in Medicine, and Physician in charge of Medical care of Students.[1a]
Schuyler G. Kohn, B.S., M.D., Assistant in Obstetrics.
Marvin Lacy, M.D., Assistant in Surgery and Plastic Surgery.[1c]
Alfred S. Lederman, Assistant in Gastro-Enterology.
Frank E. Leslie, A.B., M.D., Assistant in Medicine.
V. Harwood Link, A.B., M.D., Assistant in Dermatology.
F. Ford Loker, B.S., M.D., Assistant in Surgery.
Helen I. Maginnis, M.D., Assistant in Gynecology.
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
Charles B. Marek, M.D., Assistant in Gynecology.
Clarence W. Martin, M.D., Assistant in Obstetrics.[1]
William A. Mitchell, M.D., Assistant in Obstetrics.
Howard B. McElwain, M.D., Assistant in Surgery.
John C. Osborne, M.D., Assistant in Medicine.
Frank J. Otanasek, M.D., Assistant in Neurological Surgery.
Patrick C. Phelan, Jr., A.B., M.D., Assistant in Surgery.
Susan R. Pincoffs, R.N., Assistant in Medicine.[1]
Hazel Y. Pruitt, Assistant in Bacteriology.
Frederick M. Reese, A.B., M.D., Assistant in Ophthalmology.
James Russo, M.D., Assistant in Anaesthesiology.
William J. Rysanek, Jr., M.D., Assistant in Gynecology.
J. King B. E. Seegar, Jr., A.B., M.D., Assistant in Obstetrics.
Joseph C. Sheehan, B.S., M.D., Assistant in Gynecology.
E. Roderick Shipley, A.B., M.D., Assistant in Surgery.
Jerome Snyder, B.S., M.D., Assistant in Ophthalmology.[3]
Samuel Snyder, M.D., Assistant in Medicine.
O. Walter Spurrier, M.D., Assistant in Pediatrics.
Edwin H. Stewart, Jr., M.D., Assistant in Surgery.
Stuart D. Sunday, M.D., Assistant in Medicine.[1]
William J. Supik, M.D., Assistant in Proctology.
Adam Swiss, M.D., Assistant in Medicine.[1]
Raymond K. Thompson, B.S., M.D., Assistant in Neurological Surgery.
T. J. Touhey, M.D., Assistant in Surgery.

[1a] Appointment effective August 1, 1948.
[1c] Appointment effective July 15; 1948.
[6c] Appointed August 1, 1948.

FACULTY OF MEDICINE

Robert B. Tunney, A.B., M.D., Assistant in Gynecology.
Stephen J. Van Lill, III, A.B., M.D., Assistant in Medicine.
William Earl Weeks, M.D., Assistant in Pediatrics.
J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
Thomas L. Worsley, M.D., Assistant in Medicine.
Howard L. Zupnik, M.D., Assistant in Surgery.

FELLOWS

José A. Alvarez, M.D., Hitchcock Fellow in Neurological Surgery.[1]
Frederick K. Bell, Ph.D., U. S. Pharmacopoeia Fellow.
Joseph G. Bird, A.B., M.D., Fellow in Pharmacology.
George W. Bradford, M.D., Baltimore Rh Laboratory, Fellow in Medicine.[1]
William L. Byerly, Research Fellow in Surgery.[6b]
Robert G. Chambers, M.D., National Cancer Research Trainee.[1]
Robert M. H. Crosby, M.D., Fellow in Neurological Surgery.
Elaine Gaby, A.B., Emerson Fellow in Pharmacology.
Joseph A. Guilbeau, Jr., M.D., Baltimore Rh Laboratory Fellow in Obstetrics.[1]
John B. Harman, B.S., Emerson Fellow in Pharmacology.[1]
C. Hal Ingram Research, Fellow in Surgery.[1]
Raymond F. Kline, B.S., M.S., Porter Fellow in Physiology.[1]
Marvin Lacy, M.D., National Cancer Research Trainee.[1c]
G. D. Maengwyn-Davies, Ph.M., Fellow in Pharmacology.[1]
John Shelby Metcalf, Weaver Fellow in Gross Anatomy.[1]
Edmund B. Middleton, Weaver Fellow in Gross Anatomy.[1]
Aaron Podolnick, B.S., M.D., Fellow in Psychiatry.[1]
Walter G. Reich, Jr., B.S., Weaver Fellow in Gross Anatomy.
Mary J. Sauerwald, A.B., Emerson Fellow in Pharmacology.
Edward B. Truitt, B.S., Markle Fellow in Pharmacology.
Edwin L. Seigman, A.B., M.D., Fellow in Roentgenology.

RESEARCH ASSISTANTS

Hans Ludes, Research Assistant in Physiology.[6]
John S. Metcalf, Jr., Research Assistant in Physiology.[6a]

UNIVERSITY HOSPITAL

EXECUTIVE COMMITTEE OF THE STAFF

Maurice C. Pincoffs, *Assistant to the President*
H. Boyd Wylie, *Dean*,
Harold A. Sayles, *Acting Superintendent*,
Ex officio

Charles F. Reifschneider, *Chairman*
Theodore E. Woodward, *Secretary*

Charles Reid Edwards
T. Nelson Carey
J. Mason Hundley, Jr.
Louis H. Douglass
Walter L. Kilby
Alfred T. Nelson
Milton S. Sacks
C. Loring Joslin
George H. Yeager

Elected Members	*Term Expires*	*Elected Members*	*Term Expires*
Richard Coblentz	1948	Howard B. Mays	1949

[1c] Appointment effective July 15, 1948. [6] Appointment effective July, 1948.
[6a] Appointment effective July and August 1948. [6b] Appointment effective January 1, 1949.

Edward F. Cotter	1948	Samuel T. R. Revell, Jr.	1950
Harry C. Hull	1949	Henry F. Ullrich	1950

UNIVERSITY HOSPITAL STAFF

Harold A. Sayles, *Acting Superintendent*

Physician-in-Chief	Maurice C. Pincoffs
Physicians	Thomas P. Sprunt Louis A. M. Krause G. Carroll Lockard William S. Love, Jr. T. Nelson Carey
Gastro-Enterologist	Francis Dickey
Neurologists	Irving J. Spear Leon Freedom
Psychiatrists	Ross McC. Chapman Ralph P. Truitt H. Whitman Newell
Pediatricians	C. Loring Joslin Albert Jaffe J. Edmund Bradley A. H. Finkelstein William M. Seabold
Dermatologist	Harry M. Robinson, Sr.
Assistant Dermatologists	Francis A. Ellis Harry M. Robinson, Jr.
Pathologists	Hugh R. Spencer Dexter L. Reimann John A. Wagner
Surgeon-in-Chief	Charles Reid Edwards
Neurological Surgeons	Charles Bagley, Jr. Richard G. Coblentz James G. Arnold, Jr.
Laryngologists	Edward A. Looper Franklin B. Anderson Thomas R. O'Rourk
Proctologists	Monte Edwards Thurston R. Adams
Orthopaedic Surgeons	Allen Fiske Voshell Moses Gellman Henry F. Ullrich
Genito-Urinary Surgeons	W. Houston Toulson W. A. H. Councill Lyle J. Millan Howard B. Mays
Dental Surgeon-in-Chief	Brice M. Dorsey

Dentists	Samuel H. Bryant Edward C. Dobbs Lewis C. Toomey Eugene L. Pessagno Russell Gigliotti
Roentgenologists	Walter L. Kilby Charles N. Davidson Donald J. Barnett
Bronchoscopist	Edward A. Looper
Associate Bronchoscopist	Frederick T. Kyper
Assistant Bronchoscopist	John H. Hirschfeld
Otologist	Thomas R. O'Rourk
Anesthesiologist	Alfred T. Nelson
Obstetricians	Louis H. Douglass J. G. M. Reese Isadore A. Siegel John E. Savage Hugh B. McNally
Ophthalmologists	F. Edwin Knowles, Jr.
Gynecologists	J. Mason Hundley, Jr. Leo Brady Beverly C. Compton John C. Dumler William K. Diehl Everett S. Diggs Ernest I. Cornbrooks, Jr.
Oncologists	J. Mason Hundley, Jr. Grant E. Ward
Physical Therapist	Grace E. Shaw

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the University Hospital:

Six Residents in Medicine
Twelve Residents in Surgery
Two Residents in Neurosurgery
Four Residents in Gynecology
Six Residents in Obstetrics
Five Residents in Anaesthesiology
Five Residents in Pediatrics
Three Residents in Roentgenology
Twelve Rotating Junior Interns
Twelve Rotating Senior Interns
Two Straight Interns
One Dental Intern

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1948 to June 30, 1949

RESIDENT STAFF

Joseph W. Baggett, A.B., M.D., *Assistant Resident in Gynecology*
J. Marion Bankhead, B.S., M.D., *Assistant Resident in Anesthesiology*
Thomas G. Barnes, Jr., A.B., M.D., *Assistant Resident in Surgery*
Phillip R. Berger, B.A., B.S., *Assistant Resident in Roentgenology*
Charles V. Bowen, M.D., *Assistant Resident in Obstetrics*
William L. Byerly, B.S., M.D., *Co-Resident in Surgery*

Rowell C. Cloninger, A.B., M.D., *Assistant Resident in Surgery*
Eugene C. Conner, M.D., *Co-Resident in Anaesthesiology*
R. Adams Cowley, M.D., *Assistant Resident in Surgery*
Richard J. Cross, B.S., M.D., *Resident in Otorhinolaryngology and Ophthalmology*
William C. Covey, M.D., *Assistant Resident in Obstetrics*
John Dennis, B.S., M.D., *Assistant Resident in Roentgenology*[1]
Miles E. Drake, B.S., M.S., Ph.D., M.D., *Resident in Pediatrics*
William C. Ebeling, III, B.S., M.D., *Assistant Resident in Medicine*
Williford Eppes, B.S., M.D., *Assistant Resident in Medicine*
Joseph B. Ganey, A.B., M.D., *Assistant Resident in Surgery*
John F. Gayle, M.D., *Resident in Gynecology*
Benjamin M. Gold, B.S., M.D., *Intern in Obstetrics*
James H. Graves, B.S., M.D., *Resident in Obstetrics*
Frederick Go Kiatsu, M.D., *Assistant Resident in Pediatrics*
David B. Gray, M.D., *Assistant Resident in Surgery*
William B. Hagan, M.D., *Assistant Resident in Surgery*
Howard E. Hall, M.D., *Assistant Resident in Medicine*
John S. Haught, A.B., M.D., *Assistant Resident in Obstetrics*
Charles W. Hawkins, M.D., *Resident in Urology*
Richard D. Hoover, B.S., M.D., *Assistant Resident in Medicine*
Ann Howard, B.S., M.D., *Assistant Resident in Pediatrics*
Jerome Imburg, M.D., *Assistant Resident in Pediatrics*
C. Hal Ingram, A.B., M.D., *Co-Resident in Surgery*
Blackburn S. Joslin, M.D., *Assistant Resident in Pediatrics*
H. James Lambert, B.S., M.D., *Assistant Resident in Surgery*
Lorman L. Levinson, A.B., M.D., *Assistant Resident in Obstetrics* (*assigned to Gynecology*)
William D. Lynn, A.B., M.D., *Assistant Resident in Surgery*
James R. McNinch, Jr., A.B., M.D., *Assistant Resident in Anaesthesiology*
William H. Mosberg, B.S., M.D., *Resident in Neurosurgery*
William T. Raby, B.S., M.B., M.D., *Resident in Medicine*
James J. Range, A.B., M.D., *Resident in Roentgenology*[2]
Edwin L. Seigman, A.B., M.D., *Fellow in Roentgenology*
Cecil Shafer, B.S., M.D., *Co-Resident in Anaesthesiology*
James H. Shell, M.D., *Assistant Resident in Gynecology* (*assigned to Obstetrics*)
George W. Smith, M.D., *Assistant Resident in Neurosurgery*
Robert L. Stone, A.B., M.D., *Assistant Resident in Gynecology*[3]
Paul Tinker, B.S., M.D., *Assistant Resident in Gynecology*[4]
David R. Will, M.D., *Assistant Resident in Surgery*
James R. Winterringer, M.D., *Assistant Resident in Obstetrics*
Isaac C. Wright, B.S., M.D., *Assistant Resident in Medicine*

SENIOR INTERNS

John F. Benson, B.S., M.D.
Frank E. Brumback, M.D.
John E. Evans, Jr., B.S., M.D.
William A. Gakenheimer, M.D.
Robert R. Hahn, M.D.
John A. Hightower, M.D.
Robert C. Hunter, B.S., M.D.
Arlie R. Mansberger, Jr., M.D.
John B. Piggott, Jr., B.S., M.D.
John H. Rosser, B.S., M.D.
Joseph Shear, B.S., M.D.
John P. White, III M.D.

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[1] Until October 31, 1948—Resident thereafter.

[2] Until October 31, 1948.

[3] Until March 31, 1949.

[4] April, May, and June 1949.

JUNIOR INTERNS

David Auld, A.B., M.D.
James M. Bisanar, M.D.
John R. Hankins, B.A., M.D.
Frederick J. Heldrich, Jr., M.D.
William J. Holloway, M.D.
H. Patterson Mack, M.D.
Nicholas Mallis, M.D.
Fred R. McCrumb, Jr., M.D.
William A. Niermann, M.D.
Phyllis Ann Petersen, A.B., M.D.
Kyle L. Swisher, Jr., M.D.
Frank J. Theuerkauf, Jr., M.D.

DENTAL INTERN

Charles W. DeVier, Jr., D.D.S.

UNIVERSITY HOSPITAL DISPENSARY STAFF

Emma Winship, R.N.
Dispensary Director

DISPENSARY COMMITTEE

George H. Yeager, *Chairman*
Emma Winship, R.N., *Secretary*

Allen Fiske Voshell
Beverley C. Compton
A. H. Finkelstein
Lewis P. Gundry
Howard B. Mays
J. Huff Morrison

Chief of Medical Clinics	Lewis P. Gundry[3]
Physicians	L. A. M. Krause T. Nelson Carey Milton S. Sacks Frank J. Geraghty Edward F. Cotter Conrad B. Acton Irving Freeman M. Paul Byerly William K. Waller E. T. Lisansky Samuel T. R. Revell Arthur Karfgin Kurt Levy Leon Ashman Joseph E. Muse, Jr. Samuel J. Hankin Morris Fine Joseph B. Gross James R. Karns Franklin E. Leslie John B. DeHoff Thomas H. Magness Elizabeth D. Sherrill Charles H. Williams Harvey L. Fuller Jonas Cohen
Chief of Gastro-Enterology Clinic	Francis G. Dickey

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[3] Resigned—effective July 1, 1948.

Assistant Gastro-Enterologists	Z. Vance Hooper Albert J. Shochat Alfred S. Lederman
Chief of Neurology Clinic	Leon Freedom
Assistant Neurologists	William L. Fearing Harry A. Teitelbaum Edward F. Cotter
Chief of Psychiatric Clinic	Ralph P. Truitt
Clinic Director	H. Whitman Newell
Assistant Psychiatrists	Hans W. Loewald Kathryn L. Schultz Richard Pembroke Aaron Podolnik
Chief of Chest Clinic	Meyer D. Jacobson
Assistant, Diseases of the Lungs	Manuel Levin
Chief of Metabolism Clinic	W. Grafton Hersperger
Assistant in Metabolism Clinic	Louis V. Blum
Chief of Cardiovascular Clinic	C. Edward Leach
Assistant Cardiologists	Wildred H. Townshend William G. Helfrich Rollin C. Hudson Stephen J. van Lill, III
Chief of Allergy Clinic	H. M. Bubert
Assistant Chief of Allergy Clinic	Edward S. Kallins
Assistant Allergists	Jesse S. Fifer Salah A. Tawab J. Carlton Wich Irvin Bernard Kemick Ross C. Brooks
Allergy Clinic Dietician	Joyce Weston
Allergy Clinic Technicians	Selma R. Goldsmith Shirley W. Correl
Director, Pediatric Clinic	A. H. Finkelstein
Chief of Pediatric Clinic	Samuel S. Glick
Assistant Pediatricians	Louis V. Blum Arnold F. Lavenstein Thomas E. Weeks J. Carlton Wich Ramsay B. Thomas Howard Goodman Melvin N. Borden Lester Caplan Israel P. Meranski Gibson J. Wells Ruth B. Baldwin
Chief of Endocrinology Clinic	Conrad B. Acton
Chief of Surgical Clinic	Robert C. Sheppard

Director of Dermatology and Syphilis Clinic	Harry M. Robinson, Sr.
Chief of Dermatology and Syphilis Clinic	Harry M. Robinson, Jr.
Dermatologists and Syphilologists	Israel Zeligman
	R. C. V. Robinson
Assistant Dermatologists and Syphilologists	Francis A. Ellis
	Eugene S. Bereston
	A. Albert Shapiro
	Lester N. Kolman
	Benjamin Highstein
	Lucile Caldwell
	V. Harwood Link
	Morris M. Cohen
	Mark B. Hollander
	Alfred H. Dann
Assistant Surgeons	E. Roderick Shipley
	Samuel E. Proctor
	William B. Settle
	Karl F. Mech
Chief of Plastic Surgery Clinic	Clarence P. Scarborough
Chief of Orthopedic Surgery Clinic	Allen Fiske Voshell
Assistant Orthopedic Surgeons	Moses Gellman
	Henry F. Ullrich
	Milton J. Wilder
	S. M. Thompson
	Robert B. Mearns
Chief of Genito-Urinary Clinic	W. Houston Toulson
Assistant Genito-Urinary Surgeons	W. A. H. Councill
	John F. Hogan
	Lyle J. Millan
	Morris A. Fine
	Howard B. Mays
Chief of Rhinology and Laryngology Clinic	Benjamin S. Rich
Assistant Rhinologists and Laryngologists	Thomas R. O'Rourk
	Samuel L. Fox
	Albert Steiner
Chief of Proctology Clinic	Monte Edwards
Assistant Proctologists	Thurston R. Adams
	Donald B. Hebb
	William J. Supik
	Raymond Cunningham
Chief of Gynecology Clinic	J. Mason Hundley, Jr.
Assistant Chief of Gynecology Clinic	Beverley C. Compton
Assistant Gynecologists	John C. Dumler
	William K. Diehl
	Everett S. Diggs
	Ernest I. Cornbrooks, Jr.
	John T. Hibbitts
	Kenneth B. Boyd
	W. Allen Deckert
	Helen I. Maginnis
	Charles B. Marek
	Stuart Rizika
	William A. Mitchell
	Theodore Kardash

Female Cystoscopists	J. Mason Hundley, Jr. Beverley C. Compton William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs
Chief of Dental Clinic	Brice M. Dorsey
Assistant Chief of Dental Clinic	Lewis C. Toomey
Assistant Dentists	Russell Gigliotti Samuel H. Bryant Edward C. Dobbs Eugene L. Pessagno
Chief of Obstetrical Clinic	J. Huff Morrison
Assistant Chief of Obstetrical Clinic	Margaret B. Ballard
Assistant Obstetricians	Hugh B. McNally D. McClelland D. Frank Kaltreider W. Kenneth Mansfield, Jr. L. Calvin Gareis William A. Mitchell J. K. B. E. Seegar Kenneth B. Boyd Clarence W. Martin
Oncology Clinic, Gynecological Division	J. Mason Hundley, Jr. Beverley C. Compton John C. Dumler William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs
Oncology Clinic, Surgical Division	Grant E. Ward J. Duer Moores Arthur G. Siwinski Edwin H. Stewart, Jr.
Chief of Vascular Clinic	George H. Yeager
Assistant Chief of Vascular Clinic	George H. Brouillet
Medical Consultant-Vascular Clinic	Lewis P. Gundry
Chief of Ophthalmology Clinic	F. Edwin Knowles, Jr.
Assistant Ophthalmologists	Paul N. Friedman Cleo D. Stiles Ruby Smith Frederick M. Reese
Directress, Occupational Therapy	Miss Lora E. Dunetz
Directress, Physical Therapy	Mrs. Dorothy Hardie
Directress, Social Service	Miss Mary Fitzpatrick

MEDICAL CARE CLINIC

Director	Henry W. D. Holljes
Assistant Director	Susan R. Pincoffs
Statistical Consultant	Martha C. Eaton

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the

State Planning Commission. The present Clinic, located on the third floor of the Dispensary Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately fifty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

Four thousand public assistance clients have been assigned to this Clinic.

DISPENSARY REPORT FOR YEAR BEGINNING JULY 1, 1946 AND ENDING JUNE 30, 1947

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	148	3,767	3,915
Cardiology	155	1,292	1,447
Cystoscopy	80	333	413
Dermatology	5,593	10,565	16,158
Diabetic	89	748	837
Ear, Nose and Throat	1,217	1,446	2,663
Endocrine	93	163	256
Eye	1,076	3,034	4,110
Gastro-Intestinal	197	865	1,062
Genito-Urinary	437	781	1,218
Gynecology	1,664	5,215	6,879
Hematology	5	103	108
Medicine	1,745	3,677	5,422
Neurology	191	540	731

Neuro-Surgery	204	238	442
Obstetrics	2,214	15,810	18,024
Occupational Therapy	67	426	493
Oncology	187	1,022	1,209
Oral Surgery	140	139	279
Orthopedic	1,423	3,061	4,484
Pediatric	1,514	6,590	8,104
Physiotherapy	130	846	976
Plastic Surgery	24	13	37
Proctology	188	252	440
Psychiatry	336	465	801
Surgery	3,230	6,304	9,534
Tuberculosis	124	579	703
Vascular	91	378	469
Total	22,562	68,652	91,214

MERCY HOSPITAL
BOARD OF GOVERNORS

WALTER D. WISE, *Chairman*

MOTHER M. BERNADETTE
SISTER M. VERONICA
SISTER M. CARMEL
SISTER M. CORNELIA
SISTER M. VINCENT
SISTER M. DAMIAN

HENRY F. BONGARDT
H. RAYMOND PETERS
MAURICE C. PINCOFFS
WAITMAN F. ZINN
THOMAS K. GALVIN
EDWARD P. SMITH

ELLIOTT H. HUTCHINS

MERCY HOSPITAL STAFF

Surgeon-in-Chief	WALTER D. WISE
Surgeons	ELLIOTT H. HUTCHINS F. L. JENNINGS R. W. LOCHER THOMAS R. CHAMBERS D. J. PESSAGNO WILLIAM F. RIENHOFF HENRY F. BONGARDT
Neurological Surgeons	CHARLES BAGLEY, JR. RICHARD B. COBLENTZ JAMES D. ARNOLD, JR. FRANK J. OTENASEK JOHN W. CHAMBERS RAYMOND K. THOMPSON

Associate Surgeons	I. O. Ridgely James W. Nelson Howard B. McElwain Simon H. Brager John A. O'Connor Charles W. Maxson I. Ridgeway Trimble Raymond F. Helfrich
Assistant Surgeons	Julius Goodman S. Demarco, Jr. T. J. Touhey William N. McFaul, Jr. Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi Wm. C. Dunnigan Harold H. Burns William L. Garlick John F. Schaeffer F. Ford Loker Patrick C. Phelan
Plastic Surgeon	Edward A. Kitlowski Clarence P. Scarborough
Consulting Ophthalmologist and Otologist	Harry Friedenwald
Ophthalmologists and Otologists	H. K. Fleck M. Raskin
Associate Ophthalmologists and Otologists	Joseph I. Kemler F. A. Pacienza
Assistant Ophthalmologists and Otologists	Joseph V. Jeppi F. Edwin Knowles, Jr.
Consulting Rhinologists and Laryngologists	W. Raymond McKenzie George W. Mitchell
Rhinologist and Laryngologist	Waitman F. Zinn
Associste Rhinologists and Laryngologists	Fayne A. Kayser Benjamin S. Rich Theodore A. Schwartz Birkhead Macgowan Benjamin H. Isaacs
Assistant Rhinologist and Laryngologist	Joseph V. Jeppi
Bronchoscopist	Waitman F. Zinn
Associate Bronchoscopist	Fayne A. Kayser
Assistant Bronchoscopist	Theodore A. Schwartz
Consulting Orthopaedic Surgeon	Albertus C. Cotton
Orthopaedic Surgeon	H. L. Rogers

Associate Orthopaedic Surgeon	Henry F. Ullrich
Assistant Orthopaedic Surgeons	I. H. Maseritz J. H. Gaskel
Urologist	Kenneth D. Legge
Associate Urologists	Leon K. Fargo Francis W. Gillis
Dermatologists	Francis A. Ellis William D. Wolfe[5] Eugene S. Bereston
Dentist	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Consulting Physician	Maurice C. Pincoffs
Physician-in-Chief	H. Raymond Peters
Physicians	Harvey G. Beck Thomas P. Sprunt George McLean J. Sheldon Eastland Louis A. M. Krause Thomas C. Wolff
Associate Physicians	Hubert C. Knapp Bartus T. Baggott Wetherbee Fort John E. Legge T. Nelson Carey Sol Smith Hugh J. Welch
Assistant Physicians	S. A. Tumminello J. Howard Burns Earl L. Chambers K. W. Golley William H. Kammer S. Edwin Muller John R. Davis, Jr. J. Emmett Queen Frederick J. Vollmer John C. Osborne
Associate Gastro-Enterologists	R. Frederick Leitz Theodore H. Morrison Maurice Feldman
Assistant Gastro-Enterologist	Philip D. Flynn
Pediatricians	Edgar B. Friedenwald Frederick B. Smith
Associate Pediatrician	G. Bowers Mansdorfer

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[5] Died June 29, 1948.

Assistant Pediatricians	William M. Seabold Jerome Fineman O. Walter Spurrier Israel P. Meranski Edward L. Frey, Jr.
Neurologist and Psychiatrist	Andrew C. Gillis
Associate Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner
Obstetrician-in-Chief	Edward P. Smith
Obstetricians	J. J. Erwin Thomas K. Galvin Frank K. Morris Ernest S. Edlow Hugh B. McNally
Associate Obstetricians	William C. Duffy Charles H. Doeller, Jr.
Assistant Obstetricians	J. Howard Burns Harry F. Kane William A. Dodd Harry McB. Beck Joseph C. Sheehan William J. Rysanek, Jr. Robert B. Tunney
Gynecologist-in-Chief	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris
Associate Gynecologists	Ernest S. Edlow George A. Strauss, Jr. H. L. Granoff
Assistant Gynecologists	Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan William J. Rysanek, Jr. Harry F. Kane Robert B. Tunney
Pathologists	Walter C. Merkel Hugh R. Spencer
Clinical Pathologist	H. T. Collenberg
Clinical Biochemist	Charles E. Brambel

Technicians	Sister Paula Marie Eleanor Behr Charlotte Schwalm Lillian Marie Lawler Elizabeth Johnson Carmela E. Miceli
Consulting Radiologist	Albertus Cotton
Radiologist	Asa D. Young
Assistant Radiologist	E. Eugene Covington
Technicians	Sister Paula Marie Eleanor Behr Elizabeth Johnson Carmela E. Miceli Lillian Butler Betty Wolfram Virginia Schwarz Julietta Perez
Technician (X-ray)	Ruth L. Gephardt

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the Mercy Hospital:

Five Residents in Surgery
Four Residents in Medicine
Resident in Pathology
Resident in Rhinology
Three Residents in Gynecology and Obstetrics
Twelve Interns on Rotating Service

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1948–JUNE 30, 1949

RESIDENT STAFF

William D. McClung, M.D., *Resident Surgeon*
James G. Stegmaier, B.S., M.D., *Associate Resident Surgeon*
D. Otis Montgomery, A.B., M.D., *Assistant Resident Surgeon*
Elden H. Pertz, B.S., M.D., *Assistant Resident Surgeon*
Joseph D. Reahl, A.B., M.D., *Assistant Resident Surgeon*
Richard E. Hunter, A.B., M.D., *Resident Gynecologist*
John F. Ullsperger, A.B., M.D., *Resident Obstetrician*
Claude F. Bailey, A.B., M.D., *Assistant Resident Gynecologist & Obstetrician*
Vincent dePaul Fitzpatrick, A.B., M.D., *Assistant Resident Gynecologist & Obstetrician*
Joseph J. Bowen, B.S., M.D., *Resident Physician*
Henry V. Chase, B.S., M.D., *Assistant Resident Physician*
Joseph F. LiPira, B.S., M.D., *Assistant Resident Physician*
Edgar W. Young, A.B., M.D., *Assistant Resident Physician*
A. Maynard Bacon, Jr., B.S., M.D., *Pediatric Resident*
Arthur J. Linden, B.S., M.D., *Resident Otolaryngologist*

INTERNS

Joseph L. Aponte, M.D.
John M. Buchness, A.B., M.D.
Robert E. Ensor, M.D.
John A. Ferris, B.S., M.D.
Allyn F. Judd, A.B., M.D.
Albert M. Powell, Jr., M.D.
John R. Shell, M.D.
Thaddeus C. Siwinski, A.B., M.D.
Rennert M. Smelser, M.D.
Clyde D. Thomas, Jr., M.D.

MERCY HOSPITAL DISPENSARY STAFF

Dispensary Director	Sister M. Agnesine
Supervisor of Surgical Clinic	Harold H. Burns
Dispensary Surgeons	I. Ridgway Trimble Simon H. Brager Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi William C. Dunnigan William L. Garlick John F. Schaefer F. Ford Loker Patrick C. Phelan Arthur G. Siwinski Melvin F. Polek Clarence P. Scarborough
Supervisor of Genito-Urinary Clinic	Kenneth D. Legge
Assistant Genito-Urinary Surgeons	L. K. Fargo Francis W. Gillis John S. Haines
Supervisor of Orthopaedic Clinic	Harry L. Rogers
Orthopaedic Surgeons	Henry F. Ullrich Isaac Gutman I. H. Maseritz Jason H. Gaskel
Supervisor of Medical Clinic	H. Raymond Peters
Chiefs of Medical Clinic	Sol Smith S. Edwin Muller
Assistant Physicians	Frederick J. Vollmer William H. Kammer John R. Davis J. Emmett Queen Charles F. O'Donnell Arthur Karfgin John C. Osborne
Chief of Allergy Clinic	S. Edwin Muller
Chief of Cardiovascular Clinic	Thomas C. Wolff
Assistant Cardiologist	Leon Ashman

Chief of Metabolism Clinic	J. Sheldon Eastland
Assistant in Metabolism Clinic	J. E. Queen
Gastro-Enterologist	Maurice Feldman
Assistant Gastro-Enterologist	Philip Flynn
Chief of Pediatric Clinic	Edgar B. Friedenwald
Pediatricians	Jerome Fineman Israel T. Meranski O. Walter Spurrier Edward L. Frey, Sr. J. Carlton Wich Donald Cooper Earl Weeks Joseph Cordi
Supervisor of Neurological and Psychiatric Clinic	Andrew C. Gillis
Neurologists and Psychiatrists	Philip F. Lerner Henry J. Marriott
Supervisor of Dermatology Clinic	Francis A. Ellis
Dermatologists	Eugene S. Bereston R. C. V. Robinson
Oncologist	James W. Nelson
Chief of Gynecology Clinic	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris Ernest S. Edlow Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Harry F. Kane Robert B. Tunney
Chief of Obstetrical Clinic	Edward P. Smith
Obstetricians	Harry F. Kane Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Robert B. Tunney
Esophagoscopist	Waitman F. Zinn
Associate Esophagoscopist	Fayne A. Kayser
Rhinologists and Laryngologists	Waitman F. Zinn Theodore A. Schwartz Benjamin H. Isaacs Arthur Ward

Ophthalmologists and Otologists	M. RASKIN F. A. PACIENZA JOSEPH V. JEPPI
Proctologist	SIMON H. BRAGER
Supervisor of Dental Clinic	J. D. FUSCO
Consulting Dentist	CONRAD L. INMAN
Supervisor of Physiotherapy Clinic	LEON HANNAN
Assistant Physiotherapist	ALICE R. HANNAN
Social Workers	SISTER M. VENCENT ANNA SHAWBAKER
Secretary	EVA APPLEGARTH

MERCY HOSPITAL DISPENSARY REPORT

Year of 1947

Department	*New Cases*	*Old Cases*	*Total*
Allergy	9	19	28
Bronchoscopic	366	629	995
Cardiology	18	156	174
Dental	78	117	195
Dermatology	242	683	925
Diabetic	21	388	409
Gastro-Intestinal	30	93	123
Genito-Urinary	69	500	569
Gynecology	254	615	869
Medicine	621	2,920	3,541
Neurology	56	313	369
Ophthalmology	215	432	647
Orthopaedics	85	260	345
Pediatrics	364	876	1,240
Physiotherapy	135	1,785	1,920
Plastic Surgery	1	0	1
Postnatal	198	0	198
Prenatal	313	2,263	2,576
Proctology	23	47	70
Rhinolaryngology	400	667	1,067
Surgery	976	3,069	4,045
Surgical Follow-Up	159	358	517
Well Baby Clinic	38	43	81
Totals	4,662	16,543	21,214

THE BALTIMORE CITY HOSPITALS

STAFF, 1948–1949

Parker J. McMillin, *Superintendent*

Surgeon-in-Chief	Otto C. Brantigan, M.D.
Physician-in-Chief, Acting	C. Holmes Boyd, M.D.
Physician-in-Chief, Radiology	Stanley H. Macht, B.S., M.D.
Physician-in-Chief, Tuberculosis Hospital	H. Vernon Langeluttig, M.D.
Assistant Physician-in-Chief, Tuberculosis Hospital	Edmund C. Beacham, M.D.
Obstetrician-in-Chief	Louis H. Douglass, M.D.
Pediatrician-in-Chief	Harold E. Harrison, B.S., M.D.
Pathologist-in-Chief	C. Gardner Warner, A.B., M.D.
Dental Surgeon-in-Chief	Lowell P. Henneberger, D.D.S.
Dental Surgeon-in-Chief, Acting	H. Glenn Waring, D.D.S.
Consultant in Psychiatry	Esther L. Richards, M.D.
Visiting Surgeons	James C. Owings, M.D. I. Ridgeway Trimble, M.D. Amos Koontz, M.D. Thurston R. Adams, M.D.
Consultant in Traumatic Surgery	Charles A. Reifschneider, M.D.
Consultant in Peripheral Vascular Diseases	George H. Yeager, B.S., M.D.
Consultants in Plastic Surgery	Edward A. Kitlowski, M.D. Edward M. Hanrahan, Jr., M.D.
Assistant Visiting Plastic Surgeon	Clarence P. Scarborough, M.D.
Assistant Visiting Surgeons	Harry C. Bowie, M.D. Donald B. Hebb, M.D. Henry L. Rigdon, M.D.
Assistant Visiting Physician, Tuberculosis	John H. Hirschfeld, M.D.
Visiting Obstetrician	J. Morris Reese
Assistant Visiting Obstetricians	D. Frank Kaltreider, M.D. John E. Savage, M.D. J. William Dorman, M.D. W. Newton Long, M.D. George W. Anderson, M.D. L. Calvin Gareis, M.D.
Assistant Pediatrician-in-Chief	Robert E. Thornfeldt, M.D.
Visiting Pediatrician	Hans Bix, M.D.
Visiting Gynecologists	J. Mason Hundley, Jr., M.D. Beverley Compton, M.D. John C. Dumler, M.D. John T. Hibbits, M.D.
Assistant Visiting Gynecologists	Ernest I. Cornbrooks, M.D. William K. Diehl, M.D.

Assistant Chief Physician	Howard K. Rathbun, M.D.
Visiting Physicians	Louis A. M. Krause, M.D. Charles W. Judd, M.D. William G. Speed III, M.D. Crawford N. Kirkpatrick, M.D.
Assistant Visiting Physicians	Dean F. Davies, M.D. James O. Davis, M.D. Robert M. Paine, M.D. Luther E. Smith, M.D.
Visiting Ophthalmologist	Charles E. Iliff, M.D.
Visiting Orthopedic Surgeons	Allen F. Voshell, M.D. Henry F. Ullrich, M.D.
Assistant Visiting Orthopedic Surgeon	Milton J. Wilder, M.D.
Visiting Laryngologists	John E. Bordley, M.D. Thomas R. O'Rourk, M.D. Fred T. Kyper, M.D.
Assistant Visiting Laryngologist	John H. Hirschfeld, M.D.
Visiting Urologists	W. Houston Toulson, M.D. Hugh Jewett, M.D.
Assistant Visiting Urologist	Howard B. Mays, M.D.
Visiting Neurological Surgeons	Charles Bagley, M.D. Richard G. Coblentz, M.D. James G. Arnold, M.D.
Assistant Visiting Neurological Surgeon	R. K. Thompson, M.D.
Visiting Neurologist	J. W. Magladery, M.D.
Assistant Visiting Neurologist	George G. Merrill, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Visiting Oncologists	Grant E. Ward, M.D. Arthur G. Siwinski, M.D.
Visiting Dermatologist	Franklin H. Grauer, M.D.
Orthodontist	R. Kent Tongue, D.D.S.
Assistant Visiting Dental Surgeon	Lawrence W. Bimestefer, D.D.S. Michael S. Varipatis, D.D.S.
Visiting Laboratory Physician	Julius M. Waghelstein, M.D.
Physiologist	Nathan W. Shock, M.D.
Visiting Neuropathologist	John A. Wagner, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

STAFF, 1948–1949

Surgeon-in-Chief and Medical Director	Allen Fiske Voshell, A.B., M.D.
Consultant in Orthopaedic Surgery and Roentgenology	Albertus Cotton, A.M., M.D.

Associate Orthopaedic Surgeons	Moses Gellman, B.S., M.D. Harry Rogers, M.D. Henry F. Ullrich, M.D. Winthrop M. Phelps, A.B., M.D. Milton J. Wilder, M.D.
Roentgenologist	Charles M. Davis, M.D.
Plastic Surgeon	Edward A. Kitlowski, A.B., M.D.
Aurist and Laryngologist	Benjamin S. Rich, A.B., M.D.
Dentist	M. E. Coberth, D.D.S.
Cardiologist	Helen M. Taussig, M.D.
Pediatrists	Mary L. Hayleck, M.D. W. Earl Weeks, M.D. Gibson J. Wells, M.D.
Consulting Surgeon	Charles Reid Edwards, A.B., M.D.
Consulting Aurists and Laryngologists	Franklin B. Anderson, M.D. Edward A. Looper, M.D., D.Oph.
Consulting Neurological Surgeon	Charles Bagley, Jr., M.A., M.D.
Consulting Physician	Thomas R. Brown, A.B., M.D.
Consulting Dermatologists	Harry M. Robinson, Sr., M.D. Leon Ginsberg, M.D.
Consulting Neurologists	Irving J. Spear, M.D. R. V. Seliger, M.D.
Consulting Pediatrists	Benjamin Tappan, A.B., M.D. J. Edmund Bradley, M.D.
Consulting Dentist	Harry B. McCarthy, D.D.S.
Consulting Pathologist	Hugh R. Spencer, M.D.
Consulting Roentgenologist	Henry J. Walton, M.D.
Resident Orthopaedic Surgeons	S. M. Thompson, M.D. R. B. Mearns, M.D.
Superintendent	Miss Maud M. Gardner, R.N.
Dispensary and Social Service Nurse	Mrs. Evelyn Byrd Zapf, R.N.
Physical Therapists and X-ray Technician	Miss Elizabeth Lane Miss Margaret Kennedy Mrs. Georgiana Wisong
Occupational Therapist	Miss Muriel Zimmerman, O.T.
Instructor in Grammar School	Miss Bertha Sendelback

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939–1940 at 29 South Greene Street opposite the

University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

Howard Rovelstad, A.B., M.A., B.S.L.S. .... *Acting Director of Libraries*

Ida Marian Robinson, A.B., B.S.L.S. .... *Librarian*
Mary Elizabeth Hicks, A.B., B.S.L.S. .... *Assistant Librarian*
Florence R. Kirk .... *Assistant Librarian*
Edith R. McIntosh, A.M., A.B.L.S. .... *Cataloguer*
Charlotte Jubb .... *Assistant to the Cataloguer*

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 29,400 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, a comfortable and commodious building in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

DISPENSARY BUILDING

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The office of the Medical School Physician is located in this building.

The Department of Art also occupies quarters here.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933–1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, ophthalmology, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service is particularly well arranged and provides accommodation for forty ward patients. This service, combined with an extensive home service, assures the student abundant obstetrical training.

During the year ending December 31, 1947, 2535 cases were delivered in the hospital and 815 cases in the outdoor department. Students in the graduating class observed at least thirty-five cases, each student being required to deliver at least ten patients in their homes.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 348 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.
The Hospital for Chronic Cases, 575 beds.
The Hospital for Tuberculosis, 280 beds.
Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 100 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1947 the out-patient visits numbered 20,119.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Requests for application forms should be filed not earlier than September 15th preceding by one year the desired date of admission. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

Consideration will not be given applications received after January 31st except contingent upon places being available.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

(a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and

(b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in an approved college of arts and sciences. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.

(c) The following courses and credits in basic required subjects must be completed by June of the year the applicant desires to be admitted:

	Semester hours	*Quarter hours*
General biology or zoology	8	12
Inorganic chemistry	8	12
Organic chemistry	6–8	9–12
General physics	8	12
English	6	9
Modern language (German, French, Spanish)	6	9

(d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

(e) Students who are conditioned in college courses are not accepted.

Elective courses should be selected from the following three groups:

Humanities	*Natural Sciences*	*Social Sciences*
English (an advanced course in English composition should be taken, if possible)	Vertebrate Embryology	Economics
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)	Comparative Vertebrate Anatomy	History
Philosophy	Quantitative Analysis	Political Science
	Physical Chemistry	Psychology (a basic course is desirable)
	Mathematics	Sociology, etc.

Careful attention should be given to the selection of elective courses in the natural sciences. Accordingly, it is suggested that the elective list given above be a guide in this connection and that the remainder of the college credits be accumulated from courses designed to promote a broad cultural development. Students should avoid the inclusion of college courses in subjects that occur in the medical curriculum, for example, histology, histological technique, human anatomy, bacteriology, physiology, neurology, physiological chemistry.

It is not intended that these suggestions be interpreted to restrict the education of students who exhibit an aptitude for the natural sciences or to limit the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in all other respects give every promise of becoming successful students and physicians of high standing.

Those candidates for admission who are unconditionally accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See

University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of "C" or better, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement at College Park usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE STATUS OF STUDENTS*

Students who are minors are considered to be resident students if, at the time of their registration, the parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for at least one year, provided such residence has not been acquired while attending any school or college in Maryland.

The status of the residence of a student is determined at the time of his first registration in the university and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this state by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

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* The term "parents" includes persons who, by reason of death or other unusual circumstances, have been legally constituted the guardians of or stand in loco parentis to such minor students.

CURRENT FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year)—Residents of Maryland	450.00
Tuition fee (each year)—Non-Residents	600.00
Laboratory fee (each year)	25.00
Student health service fee (each year)	20.00
Student activities and service fee (each year)	15.00
*Lodging and meals fee	6.75
Graduation fee	15.00
Re-examination fee (each subject)	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of $10.00 and of a deposit on tuition of $50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This $60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar page 5 of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee, the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of $5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

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* Junior Students will be billed for this fee, covering lodging and meals while on obstetrical service at Baltimore City Hospitals. Accordingly, Section B. on Schedule 2 will be billed for the first semester; Section A on Schedule 2 for the second semester.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office $5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes, provides photographs for all school purposes, including state boards, and furnishes graduates with invitations and tickets to the Pre-commencement Exercises. It supports the activities of the Student Coucil.

STUDENT ACTIVITIES FEE

This fee is used to maintain a recreational program for students of all classes in addition to supporting the activities of the Student Council.

STUDENT HEALTH SERVICE

James R. Karns, M.D. .... Director, Student Health Service.

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the school physician, Dr. James R. Karns, in his office at the medical school, at 9 A.M. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculate is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within three months before entering the School of Medicine. Long study hours bring out unsuspected eye defects which cause much loss of time and inefficiency in study if not corrected until after school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient. Students are urged, therefore, to read the latest issue of the catalogue and follow the rules set forth therein.

ADVANCEMENT AND GRADUATION

1. All students are required to take the spring examinations unless excused by the Dean.

2. a. When a student has failures in two completed major courses, he or she shall be dropped from the rolls of the Medical School. b. Any student who fails or is failing in two major subjects at the end of the first semester of the freshman year, whether the course is complete or incomplete, may be dropped from the rolls of the school.

3. No student will be permitted to pass to a higher class with conditions.

4. Should a student be required to repeat any year in the course, he must pay regular fees.

5. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examinations in such other branches as may be required, should he again be permitted to enter the school as a candidate for graduation.

6. The general fitness of a candidate for graduation, as well as the results of his examinations, will be taken into consideration by the faculty.

EQUIPMENT

7. At the beginning of the first year, all students must be prepared to provide microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp.

A standard microscope of either Bausch & Lomb, Leitz, Spencer, or Zeiss make, fitted with the following attachments, will meet the requirements:

Oculars: 10 x and 5 x.
Triple nose piece with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.
Wide aperture stage with quick screw condenser.

All used microscopes are subject to inspection and approval before their use in the laboratory is permitted. The student is cautioned against the purchase of such an instrument before its official approval by the school.

8. Students in the second year class are required to provide stethoscopes.

9. Third- and fourth-year students are required to provide haemocytometers, opthalmoscopes and otoscopes.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

PARKING

Because of lack of space on the university parking lots no parking facilities are provided thereon for students.

STATE QUALIFYING CERTIFICATES

10. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

11. Each new matriculate in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

12. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of "C" or better for the work of his first year in the School of Medicine.

c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

13. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

Three-Day Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.–10 a.m.)

Special Rules or Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person.

Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books

Two-Week Loans: 5¢ per day.

Three-Day Loans: 5¢ per day.

Overnight Loans: 5¢ per hour.

Lost Books: List price of the book. (Lost books should be reported at once)

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

PRIZES

THE FACULTY PRIZE

The faculty will award the gold medal and certificate and five certificates of honor to those six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value $100.00 each)

A certificate of proficiency and a prize of $100.00 will be awarded, each year until the fund is dissipated, to the graduate, selected by the Faculty Board, showing greatest proficiency in Dermatology.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed four months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value $100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Faculty Board "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value $100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value $100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value $125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Faculty Board, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Faculty Board to a student of the senior class in need of assistance who presents to the Faculty Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value $200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuroanatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value $300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value $150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value $125.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Faculty Board to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately $250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Faculty Board to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of $500.00 is now available to cover two (2) scholarships in the amount of $250.00 each for the scholastic year, beginning in 1945, as a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School in collaboration with the Scholarship and Loan Committee of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of $100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of $100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under thirteen departments.

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).

8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology.
12. Roentgenology.
13. Anaesthesiology.

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF GROSS ANATOMY

Eduard Uhlenhuth	Professor of Anatomy
Frank H. J. Figge	Professor of Experimental Anatomy
Vernon E. Krahl	Associate Professor of Gross Anatomy
R. Dale Smith	Assistant Professor of Gross Anatomy
Karl F. Mech	Instructor in Gross Anatomy
John Shelby Metcalf	Weaver Fellow in Gross Anatomy[1]
Walter G. Reich, Jr.	Weaver Fellow in Gross Anatomy[2]
Edmund B. Middleton	Weaver Fellow in Gross Anatomy[3]

Otto C. Brantigan	Professor of Surgical Anatomy
W. Wallace Walker	Assistant Professor of Surgical Anatomy
William B. Settle	Associate in Surgical Anatomy
Herbert E. Reifschneider	Associate in Surgical Anatomy
Henry L. Rigdon	Associate in Surgical Anatomy
Harry C. Bowie	Instructor in Surgical Anatomy
Ross Z. Pierpont	Instructor in Surgical Anatomy
George H. Brouillet	Assistant in Surgical Anatomy

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[1] March to June 30, 1948.

[2] November to June 30, 1948.

[3] July 1 to August 31, 1948.

Gross Anatomy. *First Year.* First semester. Six lectures and conferences and seventeen laboratory hours a week during the first thirteen weeks; eleven lectures and conferences and twenty-seven laboratory hours a week during the following two weeks.

This course comprises the dissection of the head, neck, chest, abdomen, pelvis and upper extremity; in addition, there is presented an extensive demonstration course of specially dissected preparations of the pelvis and perineum, and a separate lecture course on the peripheral nervous system. Members of the staff.

First Year. Second semester. One lecture and four laboratory hours a week during February and March, comprising the dissection of the lower extremity. Drs. Krahl and Smith.

First semester	345 hours
Second semester	40 hours
Total	385 hours

Topographic and Surgical Anatomy. *Second Year.* The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods are given each week during the second semester. Drs. Brantigan, Walker, Settle, Reifschneider, Rigdon, Bowie, Pierpont and Brouillet.

Total hours: 96

Advanced Anatomy (elective course). Selected problems in gross anatomy. This course is intended to offer to the advanced medical student and the postgraduate student an opportunity of extending the knowledge secured in the prescribed anatomy courses. Drs. Uhlenhuth and Brantigan.

In addition to the above course, facilities for special anatomical problems are offered to the more advanced student and physician.

Graduate Courses. Consult the catalog of the Graduate School for descriptions of the graduate courses offered by members of the staff.

Postgraduate Courses. Consult the description of postgraduate courses in gross anatomy and surgical anatomy.

DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY

[1]	Professor of Anatomy
O. G. Harne	Associate Professor of Histology
John F. Lutz	Assistant Professor of Histology
[1]	Associate in Histology

First Year. The course in histology is divided equally between the study of the fundamental tissues and that of organs. Throughout the entire course the embryology of the part being studied precedes the study of the fully developed tissue. Thus embryology becomes a correlated part of the whole subject of microscopic anatomy and not an independent subject.

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[1] To be appointed

Each student is furnished a set of histological slides, previously prepared in our own laboratory, thus insuring a uniform and satisfactory quality of material for study and permitting the time of the student to be expended in the study of material rather than in the technic of its preparation. The object of the course is to present the evidence of function as shown by the structure of tissues and organs. Drs. Harne and Lutz.

An optional laboratory course is offered. This supplements the required course giving laboratory experience which can not be incorporated in the former. No added charge is made for the course.

Total hours: 150.

NEURO-ANATOMY

First Year. Neuro-anatomy embraces a study of the fundamental structure of the central nervous system as applied to its function. An abundance of material permits of individual dissection of the human brain. A series of appropriately stained sections of the human brain stem is furnished each student for the microscopic study of the internal structure of the nervous system. Drs. Harne and Lutz.

Total hours: 100.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHYSIOLOGY

William R. Amberson	Professor of Physiology
Dietrich Conrad Smith	Associate Professor of Physiology
Robert H. Oster	Professor of Physiology, School of Dentistry
Mary E. Chinn	Instructor in Physiology
Sylvia Himmelfarb	Assistant in Physiology
Frances C. Brown, A.B.	Assistant in Physiology
Raymond F. Kline	Porter Fellow in Physiology
Hans Ludes	Research Assistant in Physiology
John S. Metcalf, Jr.	Research Assistant in Physiology

The work in physiology is given in two separate courses:

First Year. Second Semester. A course in neurophysiology is presented in two lectures a week, without laboratory work.

Second Year. First Semester. The remainder of the subject is presented in four lectures, one conference, and two laboratory periods a week.

The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel	Professor of Bacteriology
[1] ———	Assistant Professor of Bacteriology
H. Edmund Levin	Associate in Bacteriology
Hazel Y. Pruitt	Assistant in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 120.
Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

Emil G. Schmidt	Professor of Biological Chemistry
Glenn S. Weiland	Associate Professor of Biological Chemistry
Ann Virginia Brown	Instructor in Biological Chemistry
Norma Feik McElvain	Research Assistant in Biological Chemistry
José A. Alvarez	Hitchcock Fellow in Neurological Surgery

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHARMACOLOGY

John C. Krantz, Jr.	Professor of Pharmacology
C. Jelleff Carr	Associate Professor of Pharmacology
Harry K. Iwamoto	Assistant Professor of Pharmacology
Ruth Musser	Instructor in Pharmacology
Joseph G. Bird	Assistant and Fellow in Pharmacology
Stephen Krop	Lecturer in Pharmacology
Leonard Karel	Lecturer in Pharmacology
William G. Harne	Demonstrator in Pharmacology
Frederick K. Bell	U. S. Pharmacopoeia Fellow

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[1] To be appointed.

John B. Harman	Emerson Fellow in Pharmacology
Mary J. Sauerwald	Emerson Fellow in Pharmacology
Edward B. Truitt, Jr.	Markle Fellow in Pharmacology
G. D. Maengwyn-Davies	Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer	Professor of Pathology
Robert B. Wright	Associate Professor of Pathology
C. Gardner Warner	Associate Professor of Pathology
Walter C. Merkel	Associate Professor of Pathology
Albert E. Goldstein	Assistant Professor of Pathology
Dexter L. Reimann	Assistant Professor of Pathology
John A. Wagner	Assistant Professor of Pathology
Howard J. Maldeis	Associate in Pathology
Milton S. Sacks	Associate in Pathology
Benedict Skitarelic	Associate in Pathology
Leon Freedom	Associate in Pathology
Conrad B. Acton	Instructor in Pathology
Howard B. Mays	Instructor in Pathology
Ephraim T. Lisansky	Instructor in Pathology
D. McClelland Dixon	Instructor in Pathology
William B. VandeGrift	Instructor in Pathology
William J. Bryson	Instructor in Pathology
Karl V. Mech	Instructor in Pathology
Seymour W. Rubin	Instructor in Pathology
Richard J. Colfer	Instructor in Pathology
Robert E. Bauer	Assistant in Pathology
Donald E. Fisher	Assistant in Pathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

General Pathology. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

Autopsies. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

Clinical-Pathological Conference. (*Fourth Year.*) These exercises are held in collaboration with the Department of Medicine. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs	Professor of Medicine
G. Carroll Lockard	Professor of Clinical Medicine
Thomas P. Sprunt	Professor of Clinical Medicine
H. Raymond Peters	Professor of Clinical Medicine
Louis A. M. Krause	Professor of Clinical Medicine
T. Nelson Carey	Professor of Clinical Medicine and Chairman of the Department of Medicine
Paul W. Clough	Associate Professor of Medicine
Walter A. Baetjer	Associate Professor of Medicine
William S. Love, Jr.	Associate Professor of Medicine
Thomas C. Wolff	Associate Professor of Medicine
Howard M. Bubert	Associate Professor of Medicine
J. Sheldon Eastland	Associate Professor of Medicine
Milton S. Sacks	Associate Professor of Medicine
Lewis P. Gundry	Associate Professor of Medicine
Samuel Morrison	Associate Professor of Medicine
Theodore E. Woodward	Associate Professor of Medicine
William H. Smith	Associate Professor of Clinical Medicine
Howard J. Maldeis	Associate Professor of Legal Medicine
George McLean	Assistant Professor of Medicine
Wetherbee Fort	Assistant Professor of Medicine
Frank J. Geraghty	Assistant Professor of Medicine
H. Vernon Langeluttig	Assistant Professor of Medicine
Sol Smith	Assistant Professor of Medicine
Edward F. Cotter	Assistant Professor of Medicine
Samuel Legum	Associate in Medicine
Robert A. Reiter	Associate in Medicine
W. Grafton Herspberger	Associate in Medicine
Meyer W. Jacobson	Associate in Medicine
Conrad B. Acton	Associate in Medicine
Irving Freeman	Associate in Medicine
Francis G. Dickey	Associate in Medicine
C. Edward Leach	Associate in Medicine
Lawrence M. Serra	Associate in Medicine
Marie A. Andersch	Associate in Medicine
Harry M. Robinson, Jr.	Associate in Medicine
William K. Waller	Associate in Medicine
Ephraim T. Lisansky	Associate in Medicine
Samuel T. R. Revell	Associate in Medicine

Arthur Karfgin	Associate in Medicine
M. Paul Byerly	Associate in Medicine
Henry W. D. Holljes	Associate in Medicine
S. Edwin Muller	Associate in Medicine
David Tenner	Instructor in Medicine
Philip D. Flynn	Instructor in Medicine
Edward S. Kallins	Instructor in Medicine
John A. Myers	Instructor in Medicine
Kurt Levy	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
M. Paul Padget	Instructor in Medicine
Leon Ashman	Instructor in Medicine
Joseph E. Muse, Jr.	Instructor in Medicine
Daniel Wilfson, Jr.	Instructor in Medicine
William H. Kammer, Jr.	Instructor in Medicine
Samuel J. Hankin	Instructor in Medicine
Frederick J. Vollmer	Instructor in Medicine
Louis J. Kroll	Instructor in Medicine
John R. Davis	Instructor in Medicine
John Z. Bowers[6]	Instructor in Medicine
Wilfred H. Townshend	Instructor in Medicine
Alvin J. Hartz	Instructor in Medicine
Henry J. Marriott	Instructor in Medicine
Morris Fine	Assistant in Medicine
Samuel Snyder	Assistant in Medicine
Joseph B. Gross	Assistant in Medicine
James R. Karns	Assistant in Medicine
L. Ann Hellen	Assistant in Medicine
Audry M. Funk	Assistant in Medicine
Rollin C. Hudson	Assistant in Medicine
Stephen J. Van Lill, 3rd	Assistant in Medicine
Franklin E. Leslie	Assistant in Medicine
Thomas L. Worsley	Assistant in Medicine
John B. DeHoff	Assistant in Medicine
Adam Swiss	Assistant in Medicine
John C. Osborne	Assistant in Medicine
Edmund G. Beacham	Assistant in Medicine
Jerome Cohn	Assistant in Medicine
William G. Fusting	Assistant in Medicine
Stuart D. Sunday	Assistant in Medicine
Jonas Cohen	Assistant in Medicine

GENERAL OUTLINE

Second Year

Introduction to clinical medicine.

(a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)

(b) Medical clinics. (1 hour a week, second semester.)

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[6] On leave of absence.

Third Year

I. The methods of examination (13 hours a week). (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.

These subjects are taught and practiced in the hospital out-patient department and in the clinical laboratory.

II. The principles of medicine (200 hours).

(a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics psychiatry and preventive medicine.

Fourth Year

The practice of medicine.

I. Clinical clerkship on the medical wards. (26 hours a week for ten weeks.)

(a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.

(b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties. (6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical-pathological conferences (1 hour a week).

MEDICAL DISPENSARY WORK

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

PHYSICAL DIAGNOSIS

T. Conrad Wolff	Associate Professor of Medicine, Head of Department
Robert A. Reiter	Associate in Medicine, in charge of Lower Respiratory Disease
Samuel Legum	Associate in Medicine, in charge of Cardiovascular Disease
Irving Freeman	Associate in Medicine
Grafton Hersperger	Associate in Medicine
Louis Kroll	Instructor in Medicine
Daniel Wilfson	Instructor in Medicine
Leon Ashman	Instructor in Medicine
Joseph Muse	Instructor in Medicine
Samuel Hankin	Instructor in Medicine
Kurt Levy	Instructor in Medicine
Alvin Hartz	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
John B. DeHoff	Assistant in Medicine
Stuart D. Sunday	Assistant in Medicine
Thomas L. Worsley, Jr.	Assistant in Medicine
Jerome Cohn	Assistant in Medicine
Elizabeth D. Sherrill	Assistant in Medicine
William H. Fusting	Assistant in Medicine

The course in physical diagnosis starts with the first semester of the Sophomore year and ends with the termination of the second semester of the Junior year.

First Semester—Second Year—Lecture, one hour weekly covering the technique of history writing in the normal person and the mechanics of the physical signs elicited in the normal person through inspection, palpation, percussion and auscultation.

Second Semester—Second Year—Lecture, one hour weekly, covering the technique of history writing in cases involving disease, and the mechanics of pathological physical signs on inspection, palpation, percussion and auscultation.

In the third and fourth quarters small tutorial groups are formed, each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter for one afternoon weekly. In the fourth quarter the students become acquainted with abnormal signs through examination of hospital patients.

Third Year—a. The class is divided into four sections. Each section receives bedside instruction in physical diagnosis for seven weeks (2 hrs. daily). For this purpose small groups under an instructor are formed. The instruction is carried on in the Baltimore City Hospitals but in addition advantage is occasionally taken of the clinical opportunities in other institutions.

b. Lecture course (1 hr. weekly) covering the mechanisms of abnormal signs.

THERAPEUTICS

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Students attend therapeutic ward rounds once a week throughout their medical trimester.

TROPICAL MEDICINE

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

CARDIOLOGY

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

During the fourth year an elective course in cardiology is offered at the Mercy

Hospital. The course occupies one and one-half hours weekly. Physical diagnosis, electocardiography and the therapeutic management of cardiac cases are stressed.

Elective out-patient work is available also to members of the fourth year class in the cardiac clinic of the University Hospital.

SYPHILIS

Third Year. During the third year the subject of syphilis is dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis is offered in the dispensary.

CLINICAL PATHOLOGY

Milton S. Sacks	Associate Professor of Medicine and Head of Department of Clinical Pathology
Sol Smith	Assistant Professor of Medicine
Marie A. Andersch	Biochemist, University Hospital, Associate in Medicine
S. Edwin Muller	Associate in Medicine
John A. Wagner	Assistant in Medicine
L. Ann Hellen	Assistant in Medicine
Audrey M. Funk	Assistant in Medicine
George W. Bradford	Baltimore Rh Laboratory Fellow in Medicine
Joseph A. Guilbeau, Jr.	Baltimore Rh Laboratory Fellow in Obstetrics

Third Year. First and second semesters. The course in Clinical Pathology is designed to train the student in the third year in the performance and interpretation of fundamental diagnostic laboratory procedures used in clinical medicine.

During the first semester the work is devoted to a thorough consideration of diseases of the hematopoietic system. In the second semester, in connection with laboratory work in urinalysis, gastric analysis, hepatic, pancreatic and renal functions, thorough discussion of underlying biochemical and physiological mechanisms is undertaken. During this semester examination of cerebrospinal fluid, transudates and exudates is also included. Elements of clinical parasitology round out the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128.

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independently of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Theodore H. Morrison	Clinical Professor of Gastro-Enterology
Samuel Morrison	Associate Professor of Gastro-Enterology
Maurice Feldman	Assistant Professor of Gastro-Enterology

Zachariah Morgan	Assistant Professor of Gastro-Enterology
Francis G. Dickey	Associate in Medicine
Z. Vance Hooper	Associate in Gastro-Enterology
Albert J. Shochat	Instructor in Gastro-Enterology
Alfred S. Lederman	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Clinics and demonstrations are given to the class for one hour a week; dispensary instruction to small groups throughout the entire session. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

PSYCHIATRY

Ross McC. Chapman	Professor of Psychiatry
Ralph P. Truitt	Professor of Clinical Psychiatry
H. Whitman Newell	Associate Professor of Psychiatry
Harry M. Murdock	Assistant Professor of Psychiatry
Philip S. Wagner	Assistant Professor of Psychiatry
Hans W. Loewald	Assistant Professor of Psychiatry
William W. Elgin	Assistant Professor of Psychiatry
J. G. N. Cushing	Assistant Professor of Psychiatry
Leslie B. Hohman	Associate in Psychiatry
Kathryn L. Schultz	Associate in Psychiatry
Isadore Tuerk	Associate in Psychiatry
A. Russell Anderson	Instructor in Psychiatry
Francis J. McLaughlin	Instructor in Psychiatry
Samuel Novey	Instructor in Psychiatry
Harold L. Vyner	Instructor in Psychiatry
Joseph H. Marshall	Instructor in Psychiatry
Richard H. Pembroke, Jr.	Instructor in Psychiatry
Aaron Podolnick	Fellow in Psychiatry

First Year. The 16 lecture hours will be devoted largely to a discussion of factors influencing the formation of character and the deviations in personality falling within the range of "normal." The usual endogenous and environmental experiences which provide critical periods during the life of an individual will be chronologically presented. Basic psychological concepts and psycho-dynamics will be reviewed. The methods of psychiatry with reference to the life history, mental status examination, and psychometric testing will be outlined and demonstrated.

Second Year. Fourteen 2-hour lecture demonstrations on psychopathology will introduce the student to personality deviations considered "abnormal." The mental status examination will be demonstrated in detail. The major and minor psychoses will be presented in terms of the psycho-dynamics of symptoms and reaction types. The student will be expected, at the conclusion of the year, to be familiar with the psychopathology and clinical characteristics of the usual psychiatric problems.

Third Year. The 16 lecture hours will be devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment will be reviewed, but the main emphasis will be toward familiarizing the student with forms of therapy feasible in routine medical practice. During the 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A series of 10 lecture demonstrations will serve to summarize previous instruction and to appraise the student's insight into psychopathology, the recognition of clinical syndromes, and their management. Characteristic reaction types will be demonstrated and discussed largely as concerns probable etiology and possible preventive measures. The relationship of mental illness to the major problems of social upheaval, economic, and other sources of insecurity will be considered.

PEDIATRICS

J. EDMUND BRADLEY. . Associate Professor of Pediatrics and Acting Head of the Department

C. LORING JOSLIN	Professor of Pediatrics
EDGAR B. FRIEDENWALD	Professor of Clinical Pediatrics
HAROLD E. HARRISON	Associate Professor of Pediatrics
A. H. FINKELSTEIN	Associate Professor of Pediatrics
FREDERICK B. SMITH	Associate Clinical Professor of Pediatrics
ALBERT JAFFE	Associate Clinical Professor of Pediatrics
SAMUEL S. GLICK	Assistant Professor of Pediatrics
CLEWELL HOWELL	Associate in Pediatrics
G. BOWERS MANSDORFER	Associate in Pediatrics
JEROME FINEMAN	Associate in Pediatrics
GIBSON J. WELLS	Associate in Pediatrics
ARNOLD F. LAVENSTEIN	Instructor in Pediatrics
MARY L. HAYLECK	Instructor in Pediatrics
ISRAEL P. MERANSKI	Instructor in Pediatrics
WILLIAM EARL WEEKS	Assistant in Pediatrics
J. CARLTON WICH	Assistant in Pediatrics
O. WALTER SPURRIER	Assistant in Pediatrics
JOSEPH M. CORDI	Assistant in Pediatrics
DONALD D. COOPER	Assistant in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. An amphitheatre clinic is given at which patients are shown to demonstrate the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems concerning diagnosis, care, treatment and clinical pathology of the diseases of infants and children (30 hours.)

Students are assigned subjects for the preparation of theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory work, and following up the patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day being devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under supervision of one of the staff instructors. (45 hours.)

Total hours: 300.

NEUROLOGY

Andrew C. Gillis	Professor of Neurology
Leon Freedom	Associate Professor of Neurology
Philip F. Lerner	Assistant Professor of Neurology
William L. Fearing	Associate in Neurology
Edward F. Cotter	Associate in Neurology
Harry Teitelbaum	Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. A clinical conference one hour each week is given to the whole class at the University and Mercy Hospitals. All patients presented at these clinics are carefully examined. Complete written records are made by the students who demonstrate the patients before the class. The patients are usually assigned one or two weeks before they are presented, and each student in the class must study and present one or more patients during the year.

Ward Class Instruction. Nine hours of instruction are given to each student in small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the patients in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

HYGIENE AND PUBLIC HEALTH

Huntington Williams	Professor of Hygiene and Public Health
William H. F. Warthen	Associate Professor of Hygiene and Public Health

Ross Davies	Associate Professor of Hygiene and Public Health
Horace Hodes	Associate Professor of Hygiene and Public Health
Martha C. Eaton	Instructor in Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at Sydenham Hospital, the one-hundred bed communicable disease hospital of the City Health Department, and at its Western Health District, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

LEGAL MEDICINE

Howard J. Maldeis	Associate Professor of Legal Medicine Chief Medical Examiner, Maryland

Third Year. This course embraces a summary of some of the following: Proceedings in criminal and civil prosecution, medical evidence and testimony, identity and its general relations, rape, criminal abortions, signs of death, wounds in their medico-legal relations, natural and homicidal death, malpractice, insanity, and medico-legal autopsies, including poisoning.

Total hours: 4.

DERMATOLOGY AND SYPHILOLOGY

Harry M. Robinson, Sr.	Professor of Dermatology
Francis A. Ellis	Assistant Professor of Dermatology
Harry M. Robinson, Jr.	Assistant Professor of Dermatology
Eugene S. Bereston	Associate in Dermatology
A. Albert Shapiro	Associate in Dermatology
Israel Zeligman	Associate in Dermatology
R. C. V. Robinson	Associate in Dermatology
Lucile J. Caldwell	Instructor in Dermatology
Benjamin Highstein	Instructor in Dermatology
V. Harwood Link	Assistant in Dermatology
Morris M. Cohen	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of demonstrations of the common skin diseases and venereal diseases given throughout the year by Dr. Robinson and staff. A weekly lecture-demonstration is given to the whole senior class by Dr. Robinson and Dr. Ellis.

Daily demonstrations and conferences are carried on by the out-patient staff in the dermatologic clinic involving both skin diseases and venereal diseases.

Third year	15 hours
Fourth Year	49 hours
Total	64 hours

DEPARTMENT OF SURGERY

Charles Reid Edwards	Professor of Surgery
Walter D. Wise	Professor of Surgery
Elliott H. Hutchins	Professor of Surgery
F. L. Jennings	Professor of Clinical Surgery
D. J. Pessagno	Professor of Clinical Surgery
Monte Edwards	Clinical Professor of Surgery
George H. Yeager	Clinical Professor of Surgery
Otto C. Brantigan	Clinical Professor of Surgery
Harry C. Hull	Clinical Professor of Surgery
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thomas R. Chambers	Associate Professor of Surgery
R. W. Locher	Associate Professor of Clinical Surgery
Edward S. Johnson	Associate Professor of Surgery
Grant E. Ward	Associate Professor of Surgery
Cyrus F. Horine	Associate Professor of Surgery
Charles W. Maxson	Associate Professor of Surgery
C. W. Peake	Associate Professor of Surgery
H. F. Bongardt	Assistant Professor of Surgery
I. O. Ridgely	Assistant Professor of Surgery
James W. Nelson	Assistant Professor of Surgery
I. Ridgeway Trimble	Assistant Professor of Surgery
Simon H. Brager	Assistant Professor of Surgery and Proctology
Thurston R. Adams	Assistant Professor of Surgery
W. Wallace Walker	Assistant Professor of Surgery
Raymond F. Helfrich	Associate in Surgery
William B. Settle	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
William F. Rienhoff, Jr.	Associate in Surgery
George Govatos	Associate in Surgery
Joseph V. Jerardi	Associate in Surgery
Henry L. Rigdon	Associate in Surgery
Herbert E. Reifschneider	Associate in Surgery
Joseph M. Miller	Lecturer in Surgery
J. Duer Moores	Instructor in Surgery
Calvin Hyman	Instructor in Surgery
Clyde F. Karns	Instructor in Surgery
Daniel R. Robinson	Instructor in Surgery

George H. Brouillet	Instructor in Surgery
Harry C. Bowie	Instructor in Surgery
William L. Garlick	Instructor in Surgery
Stuart G. Coughlan	Instructor in Surgery
Harold H. Burns	Instructor in Surgery
John F. Schaefer	Instructor in Surgery
Robert F. Healy	Instructor in Surgery
Robert C. Sheppard	Instructor in Surgery
Samuel E. Proctor	Instructor in Surgery
F. Ford Loker	Instructor in Surgery
William R. Geraghty	Assistant in Surgery
Howard B. McElwain	Assistant in Surgery
A. V. Buchness	Assistant in Surgery
T. J. Touhey	Assistant in Surgery
Samuel H. Culver	Assistant in Surgery
L. T. Chance	Assistant in Surgery
W. Allen Deckert	Assistant in Surgery
Patrick C. Phelan, Jr.	Assistant in Surgery
E. Roderick Shipley	Assistant in Surgery
William C. Dunnigan	Assistant in Surgery
Howard L. Zupnik	Assistant in Surgery
Raymond M. Cunningham	Assistant in Surgery
Edwin H. Stewart, Jr.	Assistant in Surgery
John W. Chambers	Assistant in Surgery
Ross Z. Pierpont	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

Topographic and Surgical Anatomy. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Rigdon, Brouillet and Pierpont.

Total hours: 96.

Principles of Surgery. *Second semester.* This course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

General and Regional Surgery. Lectures, recitations and clinics on the principles of surgery, general surgery including fractures and dislocations are given three hours a week to the whole class. Dr. Hull.

The class is divided into groups and receives instruction in history-taking and surgical pathology under the supervision of the chief of the pathologic department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at this institution by Drs. Hull, C. A. Reifschneider, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

Operative Surgery. Two courses in operative surgery are given under the supervision of Dr. Yeager assisted by Drs. Ullrich, Peake, Brager, Mays, Govatos Jerardi, Karns, Daniel R. Robinson, Healy, Deckert and E. R. Shipley. The class is divided into sections and each section is given practical and individual work under the supervision of the instructors.

Surgical Out-patient Department. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

Clinics. A weekly clinic is given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. Wise. University Hospital—Dr. C. R. Edwards.

Surgical Pathology. At Mercy Hospital. Specimens from the operating room and museum are studied in the gross and microscopically in relation to the case history. 14 hours. Dr. Pessagno.

Surgery of the Chest. At Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

Traumatic Surgery. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

Clinical Clerkship. This work includes the personal study of assigned hospital patients, under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Blake, Pessagno, Nelson, Trimble, Brager and Jerardi. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

ORTHOPAEDIC SURGERY

Allen Fiske Voshell	Professor of Orthopaedic Surgery
Harry L. Rogers	Clinical Professor of Orthopaedic Surgery
Moses Gellman	Associate Professor of Orthopaedic Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
I. H. Maseritz	Associate in Orthopaedic Surgery
Milton J. Wilder	Associate in Orthopaedic Surgery
Jason H. Gaskel	Instructor in Orthopaedic Surgery

Didactic, clinical, bedside and out-patient instruction is given in the fourth year at the University and Mercy Hospitals and Dispensaries, Kernan Hospital for Crippled Children at Dickeyville and Baltimore City Hospitals. Instruction is also given in the third year in small groups at the Baltimore City Hospitals.

Weekly lectures throughout the year present all phases of orthopaedic surgery except fractures; brief discussions and demonstration of physical and occupational therapy are included.

Fourth year groups are given more intimate instruction biweekly at one of the above institutions; fracture cases are included here.

Third year	60 hours
Fourth year	90 hours
Total	150 hours

RHINOLOGY AND LARYNGOLOGY

Edward A. Looper	Professor of Rhinology and Laryngology
Waitman F. Zinn	Clinical Professor of Rhinology and Laryngology
Franklin B. Anderson	Associate Professor of Rhinology and Laryngology
Thomas R. O'Rourk	Associate Professor of Rhinology and Laryngology
Benjamin S. Rich	Associate Professor of Rhinology and Laryngology
W. Raymond McKenzie	Associate in Rhinology and Laryngology
Fayne A. Kayser	Associate in Rhinology and Laryngology
Theodore A. Schwartz	Associate in Rhinology and Laryngology
Frederick T. Kyper	Associate in Rhinology and Laryngology
Samuel L. Fox	Associate in Rhinology and Laryngology
Benjamin H. Isaacs	Instructor in Rhinology and Laryngology
Robert Z. Berry	Assistant in Rhinology and Laryngology
John H. Hirschfeld	Assistant in Rhinology and Laryngology

Third Year. Instruction to whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for seven weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for one and one-half hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year	9 hours
Fourth year	53 hours
Total	62 hours

GENITO-URINARY SURGERY

W. Houston Toulson	Professor of Genito-Urinary Surgery
Kenneth D. Legge	Professor of Clinical Genito-Urinary Surgery
Howard B. Mays	Assistant Professor of Genito-Urinary Surgery
Francis W. Gillis	Assistant Professor of Genito-Urinary Surgary
Austin H. Wood	Associate in Genito-Urinary Surgery
Lyle J. Millan	Associate in Genito-Urinary Surgery
L. K. Fargo	Associate in Genito-Urinary Surgery
John F. Hogan	Associate in Genito-Urinary Surgery
W. A. H. Councill	Associate in Genito-Urinary Surgery
Hugh Jewett	Assistant in Genito-Urinary Surgery
Morris A. Fine	Assistant in Genito-Urinary Surgery
John S. Haines	Assistant in Genito-Urinary Surgery

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course in this year includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student here is placed much on his own responsibility in arriving at a diagnosis. Members of the staff are in constant attendance for consultations. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	8 hours
Fourth year	64 hours
Total	72 hours

PROCTOLOGY

Monte Edwards	Professor of Proctology
Thurston R. Adams	Assistant Professor of Proctology
Simon H. Brager	Assistant Professor of Proctology
Donald B. Hebb	Assistant in Proctology
William T. Supik	Assistant in Proctology
Raymond M. Cunningham	Assistant in Proctology

Third Year. Seven lectures are given to the whole class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Brager. University Hospital—Drs. Monte Edwards and Adams.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

OTOLOGY

Thomas R. O'Rourk	Clinical Professor of Otology
Franklin B. Anderson	Associate Professor of Otology
Benjamin S. Rich	Associate in Otology
Frederick T. Kyper	Associate in Otology
Samuel L. Fox	Associate in Otology
William A. Parr	Instructor in Otology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

Third year	12 hours
Fourth year	40 hours
Total	52 hours

NEUROLOGICAL SURGERY

Charles Bagley, Jr.	Professor of Neurological Surgery
Richard G. Coblentz	Clinical Professor of Neurological Surgery

James G. Arnold, Jr.	Associate Professor of Neurological Surgery
John A. Wagner	Assistant Professor of Pathology and Neuropathology
Raymond K. Thompson	Assistant in Neurological Surgery
Frank J. Otenasek	Assistant in Neurological Surgery
John W. Chambers	Assistant in Neurological Surgery
Robert M. N. Crosby	Fellow in Neurological Surgery
José A. Alvarez	Hitchcock Fellow in Neurological Surgery

Third Year. The course covers instruction in diagnosis and treatment of surgical conditions of the brain, spinal cord and the peripheral nerves. Drs. Bagley, Coblentz, Arnold and Thompson.

Fourth Year. Weekly ward rounds and conferences are given at the University Hospital. Drs. Bagley, Coblentz, Arnold and Thompson.

Third year	12 hours
Fourth year	30 hours
Total	42 hours

ONCOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Grant E. Ward	Associate Professor of Surgery
Beverley C. Compton	Associate in Gynecology
John C. Dumler	Associate in Gynecology
Arthur G. Siwinski	Associate in Surgery
J. Duer Moores	Instructor in Surgery
Ernest I. Cornbrooks, Jr.	Instructor in Gynecology
William K. Diehl	Instructor in Gynecology
Everett S. Diggs	Assistant in Gynecology
Robert G. Chambers	National Cancer Institute Trainee
Marvin Lacy	National Cancer Institute Trainee

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third Year: An out-patient clinic is held twice weekly, which affords an opportunity for instruction in small groups of students assigned in rotation from the general surgical and gynecological sections. The gynecological problems are under the supervision of Dr. Hundley and the general surgical conditions are under the direction of Dr. Ward.

In addition to dispensary work, five lectures in general oncology are given by Dr. Ward to the entire class at the end of the year. The increasing importance of the cancer problem throughout the State, Nation and civilized world is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are reviewed. The histological classifications and gradation of neoplasms are outlined and the biophysical effects of irradiation therapy discussed. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are also discussed. Physics and practical application of radium is given.

The diagnosis and treatment, both surgical and radiological, of neoplasms of the head and neck, oral cavity, skin, breasts and hemopoietic system are also covered.

Fourth Year: Each ward class meets for one and one-half hours once a week for five weeks with Dr. Ward and staff for demonstration and discussion of patients with neoplastic diseases.

Dr. Hundley and staff give instructions in the diagnosis and treatment of cancer of the generative organs during the regular gynecological courses in addition to the above mentioned dispensary instruction.

Third year	8 hours
Fourth year	16 hours
Total	24 hours

DENTISTRY

[1]Brice M. Dorsey	Professor of Oral Surgery
[1]Myron S. Aisenberg	Professor of Pathology
[1]George M. Anderson	Professor of Orthodontics
Harry M. Robinson, Sr.	Professor of Dermatology
[1]Grayson W. Gaver	Professor of Dental Prosthesis
[1]William E. Hahn	Professor of Anatomy
[1]Ernest B. Nuttall	Professor of Crown and Bridge
[1]Kenneth V. Randolph	Professor of Operative Dentistry
George H. Yeager	Clinical Professor of Surgery
[1]Edward C. Dobbs	Assistant Professor of Pharmacology
Grant E. Ward	Associate Professor of Surgery and Oral Surgery
[1]Joseph C. Biddix, Jr.	Assistant Professor of Clinical Operative Dentistry
[1]Hugh T. Hicks	Assistant Professor of Periodontology
George McLean	Assistant Professor of Medicine
[1]Lewis C. Toomey	Assistant Professor of Oral Surgery
[1]Samuel H. Bryant	Instructor in Oral Diagnosis
[1]Russell Gigliotti	Instructor in Clinical Oral Diagnosis
[1]Eugene L. Pessagno	Instructor in Operative Dentistry
[1]Harry B. McCarthy	Director of Dental Clinic

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

INDUSTRIAL MEDICINE AND SURGERY

G. Carroll Lockard	Professor of Clinical Medicine
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thurston R. Adams	Assistant Professor of Surgery

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[1] Faculty Member, School of Dentistry.

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 48.

FIRST AID INSTRUCTION

Instruction consists of lectures combined with practical demonstrations and actual practice by students for one hour a week for ten weeks during the second semester of the Freshman Year.

PLASTIC SURGERY

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Clarence P. Scarborough	Instructor in Plastic Surgery
Ernest E. Banfield	Assistant in Plastic Surgery
Robert G. Chambers	Assistant in Plastic Surgery
Marvin Lacy	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

DEPARTMENT OF OBSTETRICS

Louis H. Douglass	Professor of Obstetrics
Emil Novak	Associate Professor of Obstetrics
J. G. M. Reese	Associate Professor of Obstetrics
M. Alexander Novey	Assistant Professor of Obstetrics
Isadore A. Siegel	Assistant Professor of Obstetrics
John E. Savage	Assistant Professor of Obstetrics
Margaret B. Ballard	Associate in Obstetrics
Hugh B. McNally	Associate in Obstetrics
D. McClelland Dixon	Associate in Obstetrics
D. Frank Kaltreider	Associate in Obstetrics

FRANK K. MORRIS	Instructor in Obstetrics
KENNETH B. BOYD	Assistant in Obstetrics
THOMAS S. BOWYER	Assistant in Obstetrics
W. KENNETH MANSFIELD, JR.	Assistant in Obstetrics
GEORGE H. DAVIS	Assistant in Obstetrics
CHARLES H. DOELLER, JR.	Assistant in Obstetrics
J. KING B. E. SEEGAR, JR.	Assistant in Obstetrics
SCHUYLER G. KOHN	Assistant in Obstetrics
JOHN H. MORRISON	Assistant in Obstetrics
WILLIAM A. MITCHELL	Assistant in Obstetrics
L. CALVIN GAREIS	Assistant in Obstetrics
CLARENCE W. MARTIN	Assistant in Obstetrics

Third Year. The lectures and recitations consisting of three hours' teaching weekly are designed to cover the anatomy of the female generative tract and the bony pelvis, the physiology and development of the ovum and the physiology of pregnancy and labor. Following this the pathology of pregnancy, labor and the puerperium are taken up. Drs. Douglass, Reese, Siegel, Savage, and Dixon.

Each student spends time during his junior year at the Baltimore City Hospitals observing, assisting and finally delivering patients under strict supervision. Each student sees about twenty deliveries there, and does a considerable amount of the routine work.

The junior students are assigned as assistants to the seniors in the home delivery service and accompany them on deliveries.

Each student receives, in small groups, ten hours of instruction in palpation of patients and mensuration of the pelvis and demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year. At the weekly clinical conference, cases are presented and discussed and the student body is encouraged to offer opinions and to ask questions. There is no didactic teaching done, and an earnest effort is made to keep it, in every sense of the word, a conference. Dr. Douglass and associates.

The ward classes are held twice weekly for five weeks for each group. Various subjects are assigned and discussed, patients and their histories are presented. Drs. Reese, Novey, Savage and McNally.

Manikin instruction is given once a week. Drs. Dixon, Kaltreider and Doeller.

During the same five-week period, the students are sent into patients' homes to conduct deliveries under supervision of a senior member of the house staff and with the assistance of a graduate nurse. The student is held responsible for the complete conduct of each assigned case.

Each student spends thirty hours in the prenatal clinic, taking histories and examining patients under supervision.

Finally, the students are invited to attend the monthly meetings of The Committee on Maternal Mortality, where all maternal deaths occurring in Baltimore are openly discussed. *Hours*—Third year—148; Fourth year—102; total—250.

DEPARTMENT OF GYNECOLOGY

J. MASON HUNDLEY, JR.	Professor of Gynecology
THOMAS K. GALVIN	Clinical Professor of Gynecology
LEO BRADY	Assistant Professor of Gynecology

Edward P. Smith	Assistant Professor of Gynecology
John T. Hibbitts	Associate in Gynecology
Kenneth B. Boyd	Associate in Gynecology
John C. Dumler	Associate in Gynecology
Beverley C. Compton	Associate in Gynecology
J. J. Erwin	Associate in Gynecology
Frank K. Morris	Associate in Gynecology
Ernest I. Cornbrooks, Jr.	Associate in Gynecology
Everett S. Diggs	Associate in Gynecology
William K. Diehl	Associate in Gynecology
Thomas S. Bowyer	Instructor in Gynecology
Ernest S. Edlow	Instructor in Gynecology
W. Allen Deckert	Instructor in Genecology
H. L. Granoff	Assistant in Gynecology
Charles B. Marek	Assistant in Gynecology
Helen I. Maginnis	Assistant in Gynecology
Charles H. Doeller, Jr.	Assistant in Gynecology
William A. Dodd	Assistant in Gynecology
Harry McB. Beck	Assistant in Gynecology
William C. Duffy	Assistant in Gynecology
Joseph C. Sheehan	Assistant in Gynecology
William J. Rysanek	Assistant in Gynecology
Harry F. Kane	Assistant in Gynecology
Robert B. Tunney	Assistant in Gynecology
Theodore Kardash	Assistant in Gynecology
William A. Mitchell	Assistant in Gynecology

Third Year. A course of thirty lectures and recitations is given to the whole class. In addition, a short course of lecture-demonstrations is given at the Baltimore City Hospitals, consisting of eight periods of one hour each, in which small groups of students are instructed in the fundamentals of gynecological diagnosis and examination.

Fourth Year. Operative clinics—lectures and demonstrations—are given six hours per week, for five weeks, to sections of the class.

Instruction in female urology is given. A small number of students may attend the cystoscopic dispensary which is held twice weekly.

The course in gynecology also includes instruction in the diagnosis and treatment of cancer of the generative organs. Small groups of students attend the oncological dispensary for additional work.

Third year	38 hours
Fourth year	74 hours
Total	112 hours

DEPARTMENT OF OPHTHALMOLOGY

F. Edwin Knowles, Jr.
Assistant Professor of Ophthalmology and Chairman of the Department

H. K. Fleck	Clinical Professor of Ophthalmology
Jonas Friedenwald	Lecturer in Ophthalmic Pathology

Joseph I. Kemler	Associate in Ophthalmology
F. Edwin Knowles, Jr.	Associate in Ophthalmology
Paul N. Friedman	Instructor in Ophthalmology
A. Kremen	Instructor in Ophthalmology
Cleo D. Stiles	Instructor in Ophthalmology
Ruby A. Smith	Instructor in Ophthalmology
Frederick M. Reese	Assistant in Ophthalmology

Third Year. Second semester. Dr. Friedman reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, is carried on during the entire session.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, weekly, for one year. Dr. Knowles.

This course consists of lectures upon the diseases of the eye, with particular reference to their diagnosis and relation to general medicine. Special lectures will be given upon vascular changes in the eye and upon the pathology of the eye. Some operations will be demonstrated by motion pictures.

Weekly ward classes are held at the University, The Baltimore Eye, Ear and Throat and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Also daily demonstrations are given in the taking of histories and the diagnosis and treatment of the various conditions as seen in the dispensary. Drs. Knowles, Kemler and Kremen.

Third year	20 hours
Fourth year	104 hours
Total	124 hours

DEPARTMENT OF ROENTGENOLOGY

Walter L. Kilby	Professor of Roentgenology
Charles N. Davidson	Associate Professor of Roentgenology
Asa D. Young	Assistant Professor of Roentgenology
Stanley H. Macht	Assistant Professor of Roentgenology
Donald J. Barnett	Associate in Roentgenology
Edwin L. Seigman	Fellow in Roentgenology

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year	8 hours
Fourth year	22 hours
Total	30 hours

DEPARTMENT OF ANAESTHESIOLOGY

Alfred T. Nelson	Assistant Professor of Anaesthesiology and Chairman of the Department
James Russo	Assistant in Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend two hours daily for two weeks observing and administering anaesthetics in the operating suite.

Third year	10 hours
Fourth year	24 hours
Total	34 hours

HISTORY OF MEDICINE

Louis A. M. Krause	Associate Professor of Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

ART AS APPLIED TO MEDICINE

Carl Dame Clarke	Associate Professor of Art as Applied to Medicine
Frances M. Blackburn	Assistant in Art as Applied to Medicine
Richard Dowell Grill	Assistant in Art as Applied to Medicine
Nancy Jane Ferneyhough	Assistant in Art as Applied to Medicine
Carl Christian Stein	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals.

Special courses of instruction are given to qualified students.

POSTGRADUATE COURSES

Committee on Postgraduate Studies

Howard M. Bubert, *Chairman*
Dietrich C. Smith, *1st Vice-chairman*
L. A. M. Krause, *2nd Vice-chairman*
Milton S. Sacks, *Secretary*
John A. Wagner
Otto C. Brantigan

John C. Krantz, Jr.
Eduard Uhlenhuth
Allen F. Voshell
J. M. Reese
Ralph P. Truitt
Wetherbee Fort

The Dean—*Ex Officio*

During the past year emphasis was laid upon extra mural teaching in accordance with the existing trend throughout the country.

A sub-committee under the chairmanship of Dr. Allen F. Voshell arranged for three courses to be given for county physicians. Requests for courses from other county societies could not be granted for the present because of the limited resources of the Committee and its unfamiliarity with the field into which it was entering. One course was given at the Prince George's County General Hospital at Cheverly, Maryland; one at the Washington County Hospital at Hagerstown; and one for the Carroll-Howard County Societies, at the University Hospital. About one hundred physicians, approximately one seventh of all the county physicians in the state, participated. A questionnaire distributed upon the completion of the lectures indicated that the venture was a success. The Committee looks forward to an even larger enrollment for the coming year The lectures are being recorded and will be distributed to all attending physicians. The Committee hopes to be able to continue to make this material available.

A long-term plan to integrate the training of the house staffs of smaller hospitals with that of the University is being formulated.

The following intra mural courses, which have been most successful, are continuing:

General Anatomy "A": This course is designed to prepare candidates for the anatomy examination of the American Board of General Surgery and Surgical Specialties. There is no hard and fast rule about either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content.

Surgical Anatomy "B": This course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (2 days a week, 3 hours a day) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition $150.00.

Pathology (neurological): This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition: $200.00 plus $10.00 laboratory fee.

Gynecology and Obstetrics "A": This is a review for general practitioners. Duration is eighteen hours each of gynecology and obstetrics per week for twelve weeks. Tuition: $150.00.

Gynecology, Oncology and Female Urology "B": This is a review designed primarily for the general practitioner. Duration is ten weeks, full time. Tuition $125.00.

A course in Basic Sciences as They Apply to Gynecology and Obstetrics is being inaugurated in October, 1948. This course is a review of the fundamentals of the basic sciences as they apply to Gynecology and Obstetrics and recent advances in these fields. This course has been approved by the Post Graduate Survey Committee of the American Board of Obstetrics and Gynecology, and may be presented for six months' credit towards certification by the Board. Duration is 20 weeks full time; tuition: $300.00.

Full descriptions of these courses are available.

Inquiries should be addressed to the Post Graduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 16, 1948 TO JANUARY 22, 1949

<table>
<tr><th>Hours</th><th>Monday</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th><th>Saturday</th></tr>
<tr><td>9.00 to 12.00</td><td colspan="2">*Histology and Embryology
11-12 lecture
Bressler 2</td><td>Orientation
(Sept. 22-Oct. 6)
9-10
Adm. 1</td><td colspan="2">*Histology and Embryology
11-12 lecture
Bressler 2</td><td>Gross Anatomy
A. H. 9-11</td></tr>
<tr><td>12.00 to 1.00</td><td colspan="5">Lunch</td><td></td></tr>
<tr><td>1.00 to 5.00</td><td colspan="5">Gross Anatomy
Lectures A.H. (1-2) Daily and Laboratories Bressler 1 (2-5) Daily</td><td></td></tr>
</table>

* Course ends December 22, 1948.

SECOND SEMESTER, JANUARY 24 TO JUNE 4, 1949

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Neuro-Anatomy Laboratory	Neuro-Anatomy Laboratory
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	
2.00 to 3.00	Neuro-Physiology *Bressler 2*	Neuro-Physiology *Bressler 2*	Biol. Chem. Conference *Adm. 1*	Gross Anatomy *Adm. 1* Feb. 10 to Mar. 31 — Neuro-Anatomy Apr. 15 Laboratory	Biol. Chem. Conference *Adm. 1*	
3.00 to 5.00		Gross Anatomy *Adm. 1* Feb. 8 to Apr. 5	Psychiatry (3-5) *C. H.*		(3-4) First Aid *C. H.* January 28 to April 1	

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, Lombard and Greene Streets.
A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.
Bressler Research Laboratory—29 S. Greene Street.
Gross Anatomy—First Floor.
Histology and Embryology—Second Floor.
Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 17-22, 1949
Final Examinations—May 23-28, 1949

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 16, 1948 TO JANUARY 22, 1949

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology *Bressler 2*	Physiology *Bressler 2*	Medicine *Bressler 2*	Physiology *Bressler 2*		Psychiatry (9–11) *Adm. 1*
9.30 to 10.30	Physiology Conference *Bressler 2*	Bacteriology *Adm. 1*		Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis *C. H.*	
12.30	Lunch					
1.00 to 5.00	Pharm. Lect. (1–2) *Bressler 2* Pharmacology *B* Physiology *A*	Laboratory *A* Laboratory *B*		Pharmacology *B* Physiology *A*	Laboratory (1 to 4) *A* Laboratory *B*	

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 24 TO JUNE 4, 1949

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Surgery *Bressler 2*	Surgery *Bressler 2*	Surgical Anatomy *Bressler 2*	Medical Clinic *Amp.*	Physical Diagnosis *Adm. 1* 7 lectures	
9.30 to 10.30	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	Surgical Anatomy Laboratory *Bressler 1*		Pharmacology *Bressler 2*	
10.30 to 11.30	Pathology *C. H.*	Pathology *C. H.*		Pathology *C. H.*	Pathology *C. H.*	
11.30	Lunch					
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology Laboratory	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy *Adm. 1*	‖Immunology Laboratory		Pharmacology Laboratory *Sect. A*	Pharmacology Laboratory *Sect. B*	
3.00 to 5.00	Surgical Anatomy Laboratory *Bressler 1*		Optional period Pathology Immunology	Physical Diagnosis *Sect. B* (3.00–5.00) *U. H. D.*	Physical Diagnosis *Sect. A* (3.00–5.00) *U. H. D.*	

‖ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First floor, Administration Building, Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.
U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.
Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 17–22, 1949

THIRD YEAR SCHEDULE
SEPTEMBER 16, 1948 TO JUNE 4, 1949

SCHEDULE 1

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 21 to May 9	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 23 to May 11	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H* †Anaesthesiology Mar. 12 to May 14 *Amp.*
9.30 to 10.00	Transfer to Baltimore City Hospitals					
10.00 to 12.00	Physical Diagnosis, Pathology, Neurology and Pediatrics at B. C. H.					
12.00 to 1.00	Transfer and Lunch	Transfer and Lunch	Lunch	Transfer and Lunch	Lunch	
1.00 to 2.00	(Whole Class) Nose & Throat, Urology, Otology, Proctology, Plastic Surgery *C. H.*	(Whole Class) *Gynecology †Eye—10 wks. Jan. 27 to Apr. 6 †Oncology —5 wks. Apr. 13 to May 11 *C. H.*	Medical Clinic *B. C. H.*	(Whole Class) Clinical Pathology *Bressler 2*	Obstetrical Clinic *B. C. H.*	
2.00 to 4.00	(Whole Class) Pathology Laboratory *31*		Surgery — Pediatrics *B. C. H.*	(Whole Class) Clinical Pathology — Laboratory *Bressler 5*	Surgery — Pediatrics *B. C. H.*	
4.00 to 5.00	(Whole Class) *Physical Diagnosis, †Psychiatry, †Legal Medicine *C. H.*	(Whole Class) Hygiene and Public Health *C. H.*	Orthopaedics Roentgenology *B. C. H.*		Orthopaedics *B. C. H.*	

* First Semester. † Second Semester.

THIRD YEAR SCHEDULE
SEPTEMBER 16, 1948 TO JUNE 4, 1949

SCHEDULE 2

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 21 to May 9	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 23 to May 11	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* Anaesthesiology Mar. 12 to May 14 *Amp.*
9.30 to 10.20	Pediatrics *C. H.*	*Medicine *C. H.*	*Medicine *C. H.*	*Therapeutics *C. H.*	*Medicine *C. H.*	Neurology *C. H.*
10.30 to 12.30	Operative Surgery—*Bressler 6* Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12.30 to 1.00	Lunch					
1.00 to 2.00	Same as Schedule 1		Medical Clinic *Amp.*	Same as Schedule 1	Psychiatry Dermatology U. H. Disp.	
2.00 to 4.00			Ophthalmoscopy (5 weeks) *B. E. H.* — Obstetrics (5 weeks) Univ. Hosp. Disp. — Otology (5 wks.) *Univ. Hosp. 3-C*			
4.00 to 5.00					Obstetrics *Br. 2*	

* Pediatrics, January 11 to 14 and May 10 to 13, 1949.

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

Schedule Assignment

Periods	*Sections and Schedules*
September 16, 1948 to January 15, 1949	A-1, B-2
January 24 to May 14, 1949	B-1, A-2

Locations of Lecture Halls, etc.

A. H.—Anatomical Hall, Upper Hall, N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
Bressler—Bressler Building, 29 S. Greene Street.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
31—31 South Greene Street.
Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 17-22, 1949
Final Examinations—May 16-28, 1949

FOURTH YEAR SCHEDULE

SEPTEMBER 16, 1948 TO JUNE 4, 1949

UNIVERSITY SECTION

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 11.00	Ward Classes — Medicine Surgery Obstetrics Pediatrics	Ward Classes — Medicine Surgery Gynecology	Ward Classes — Medicine Surgery Obstetrics Pediatrics	Ward Classes — Medicine Surgery Gynecology	Ward Classes — Medicine Surgery Obstetrics Pediatrics	Ward Classes — Medicine Surgery Gynecology Pediatrics
11.00 to 12.00	Clinical Clerkships	Ward Work	Clinical Pathological Conference *C. H.*	Surgical Clinic *Amp.*	Medical Clinic *Amp.*	Pediatric Clinic *Amp.*
12.00 to 2.00	Dispensary Lunch	Dispensary Lunch	Dispensary Lunch	Dispensary Lunch	Dispensary Lunch	(12–1) Orthopaedic Clinic *Amp.*
2.15 to 3.15	Dermatology Clinic 1st time Full Class *Amp.* thereafter University Dispensary	Neurology Clinic *Amp.*	Eye and Ear Clinic (Full Class at Univ. Hosp.) *Amp.*	Obstetrical Clinic (Full Class at Univ. Hosp.) *Amp.*	Hygiene and Public Health (Full Class at Univ. Hosp.) *Amp.*	(1–2) Dermatology *Amp.*
3.30 to 5.00	Ward Classes	Ward Classes	Ward Classes	Ward Classes	Ward Classes	
	See special schedule Medical School bulletin board	Medicine		Therapeutics	Neurology	*Medical Section*
		Proctology	Urology *Amp.*	Nose and Throat	Orthopaedic Surgery (*Kernan Hospital*)	*Surgical Section*
		Oncology (3.30–4.30) *Amp.*	Eye and Ear		Psychiatry *Amp.*	*Special Section*

University Sections on Medicine and Gynecology report at 8.30.

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

First Semester		*Second Semester*	
1st period	Sept. 16–Oct. 23	1st period	Jan. 24–Feb. 26
2nd period	Oct. 25–Nov. 27	2nd period	Feb. 28–Apr. 2
3rd period	Nov. 29–Jan. 15	3rd period	Apr. 4–May 7

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre—New University Hospital.
Room 34—Second floor, Calvert and Saratoga Streets.

Univ. Section Dispensary schedule posted in Old Hospital Bldg.

Mid Year Examinations—January 17–22, 1949

Final Examinations—May 9–14, 1949

FOURTH YEAR SCHEDULE
SEPTEMBER 16, 1948, TO JUNE 4, 1949
MERCY SECTION

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9.00 to 10.00	Clinical Clerkships	Surgical Pathology or Chest Surgery Room 34	Clinical Pathological Conference Room 34	Surgical Clinic Room 34	Medical Clinic Room 34	Pediatric Clinic Room 34	
10.00 to 12.00	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	Medical Ward Work	*Medical Section*
	Medical Dispensary Group A	Medical Dispensary Group B	Medical Dispensary Group A	Medical Dispensary Group B	Medical Dispensary Group A	Medical Dispensary Group B	
	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	Surgical Ward Work	*Surgical Section*
	*Pediatrics	Gynecology — *Pediatrics	*Pediatrics	Gynecology — *Pediatrics	*Pediatrics	*Pediatrics	*Special Section*
12.00 to 2.00	Lunch Dispensary	Lunch Dispensary	Lunch Dispensary	Lunch Dispensary	Lunch Dispensary	(12–1) Orthopaedic Clinic Room 34	
	Neurology	G.I.	Neurology	G.I.	Neurology		Medical A
	Orthopaedic	Dermatology	Orthopaedic	Dermatology	Orthopaedic	(1–2) Dermatology	Medical B
	G.U.	G.U.	Follow up Surgical Clinic	G.U.	G.U.		Surgical A
	N. & T.	Proctology	N. & T.	Proctology	N. & T.		Surgical B
	Pediatrics (U.H.)		Pediatrics (U.H.)	Pediatrics (U.H.)	Pediatrics (U.H.)		Special A
	Pediatrics (U.H.)		Pediatrics (U.H.)	Pediatrics (U.H.)	Pediatrics (U.H.)		Special B
2.15 to 3.15	Dermatology Clinic 1st time Full Class *Amp.* thereafter University Dispensary	Neurology Clinic Room 34	Eye and Ear Clinic (Full Class at Univ. Hosp.) *Amp.*	Obstetrical Clinic (Full Class at Univ. Hosp.) *Amp.*	Hygiene and Public Health (Full Class at Univ. Hosp.) *Amp.*		
3.30 to 5.00	See Special Schedule	Medicine	G.I.	Medicine	Neurology		Medical Section
		Orthopaedics	N. & T.	Proctology	Roentgenology		Surgical Section
		Pediatrics	Public Health	Pediatrics (U.H.)	Psychiatry (U.H.)		Special Section

* The Special Section is divided into two groups:

University Pediatrics Group

The last 6 men are assigned to Mercy; the remainder report to University. Monday, Wednesday, Friday and Saturday

9:00—10:00 Ward, University Hospital
10:00—11:00 Lecture 5C
11:00—12:00 Clinic—Amp.
12:30— 2:00 Dispensary

Thursday

3:30— 5:00 Dr. Finkelstein—Amp.

Mercy Pediatrics Group

Here for Dispensary and Thursday 3:30 class—other times stay at Mercy.

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

First Semester		*Second Semester*	
1st period	Sept. 16–Oct. 23	1st period	Jan. 24–Feb. 26
2nd period	Oct. 25–Nov. 27	2nd period	Feb. 28–Apr. 2
3rd period	Nov. 29–Jan. 15	3rd period	Apr. 4–May 7

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 5, 1948

Alecce, Angelo Andrew, *B.S.*..Maryland
Allison, George Malcolm......Illinois
Aponte, Joseph Louis......Puerto Rico
Auld, David.................Maryland
Baker, Frank William, Jr.....Maryland
Beyer, David Henry........Minnesota
Bisanar, James Milton..North Carolina
Bond, Donald Buckey, *A.B.*...Maryland
Bronstein, Eugene Leonard.New York
Buchness, John Michael, *A.B.*..Maryland
Bullock, John Boyd...........Virginia
Bulluck, Matt Heyer....North Carolina
Chamovitz, Robert........Pennsylvania
Chelton, Alice Katherine Graybill West Virginia
Condron, James Frank....Pennsylvania
Crecraft, Harold James, *A.B.* Pennsylvania
Dalton, James Breckenridge, Jr. Virginia
Dempsey, Raymond Joseph, *B.S.*..Illinois
Dwyer, Frank Philip, Jr...Pennsylvania
Ensor, Robert Ellwood......Maryland
Golombek, Leonard Harry....Maryland
Grant, Bowie Linn...........Maryland
Green, James William........Maryland
Hamrick, George Vincent.....Maryland
Hankins, John Roland.........Virginia
Heldrich, Frederick Joseph, Jr., *A.B.* Maryland
Hoback, Florence Kunst, *A.B.* West Virginia
Hobart, Richard Loren, Jr. District of Columbia
Holloway, William Jackson...Maryland
Insley, Marion Clarence, Jr..Maryland
Kastner, Lee Norman.........Maryland
Kaufman, Raymond Henry...New York
Kemp, Katherine Virdin, *A.B.*..Maryland
Kennedy, Carl Hubert, Jr.Pennsylvania
Leograndis, Stephen Cosmos Massachusetts
Lithgow, Charles Henry......Maryland
Mack, Harry Patterson....New York
Mallis, Nicholas.............Maryland
Matthews, Burton Vincent, *A.B.* Maryland
Matthews, Roland Dellwood North Carolina
McCauley, Betty Jane, *B.S.*...Maryland
McCrumb, Fred Rodgers, Jr...Maryland
Mohler, Donald Ignatius, Jr..Maryland
Newell, Edward Alphonso....Maryland
Niswander, Guy Donald..West Virginia
Nolan, Paul Vernon, *B.S.* North Carolina
Padussis, Stephen Konstant...Maryland
Petersen, Phyllis Ann, *A.B.*...Maryland
Platt, Julian Jay.............Maryland
Powell, Albert Milton, Jr....Maryland
Redding, Joseph Stafford, *A.B.* North Carolina
Rhyne, Jimmie Lee.....North Carolina
Rodriguez, Edsel Antonio..Puerto Rico
Rudolph, Robert Lee............Ohio
Scherr, Merle Sundrell..West Virginia
Schwartz, Benson Charles....Maryland
Shell, John Robert...........Virginia
Silverman, Benjamin K., *A.B.*..Maryland
Silverstein, Daniel Lewis....Maryland
Siwinski, Thaddeus Charles, *A.B.* Maryland
Smelser, Rennert Marquette.Maryland
Snyder, William Allen.......Maryland
Stahl, Robert Ray........Pennsylvania
Swisher, Kyle Young, Jr. West Virginia
Tarr, Norman................Maryland
Tate, Allen Denny, Jr., *B.S.* North Carolina
Theuerkauf, Frank Joseph, Jr. Pennsylvania
Thomas, Clyde Dana, Jr..West Virginia
Thuss, William Getz, Jr.......Alabama
Walters, Hezekiah G., Jr., *A.B.* North Carolina
Ware, Charles Ingersoll..New Jersey
Waterman, Roger Sherman Pennsylvania
Welborn, James Todd, *B.S.* North Carolina
Whitehorn, Clark Allan.....Michigan
Wilson, John Dean.......Pennsylvania
Womack, William Spengler.....Virginia
Young, John Paul............Maryland

HONORS

University Prize Gold Medal

John Roland Hankins

Certificates of Honor

Charles Harry Lithgow
William Getz Thuss, Jr.
Frank Joseph Theuerkauf, Jr.
Fred Rodgers McCrumb, Jr.
Kyle Young Swisher, Jr.

INTERNSHIPS—GRADUATES OF JUNE 5, 1948

July 1, 1948–June 30, 1949

Alecce, Angelo Andrew	St. Joseph's Hospital, Baltimore, Md.
Allison, George Malcolm	Illinois Masonic Hospital, Chicago, Ill.
Aponte, Joseph Louis	Mercy Hospital, Baltimore, Md.
Auld, David	University Hospital, Baltimore, Md.
Baker, Frank William, Jr.	St. Joseph's Hospital, Baltimore, Md.
Beyer, David Henry	U. S. Naval Hospital, Bremerton, Wash.
Bisanar, James Milton	University Hospital, Baltimore, Md.
Bond, Donald Buckey	Baltimore City Hospitals, Baltimore, Md.
Bronstein, Eugene Leonard	Queens General Hospital, Jamaica, N. Y.
Buchness, John Michael	Mercy Hospital, Baltimore, Md.
Bullock, John Boyd	Medical College of Virginia, Richmond, Va.
Bulluck, Matt Heyer	New York Polyclinic Hospital, New York, N. Y.
Chamovitz, Robert	Montefiore Hospital, Pittsburgh, Pa.
Chelton, Alice Graybill	Marine Hospital, Detroit, Mich.
Condron, James Frank	St. Mary's Hospital, Philadelphia, Pa.
Crecraft, Harold James	U. S. Naval Hospital, Great Lakes, Ill.
Dalton, James Breckenridge, Jr.	Medical College of Virginia Hospital, Richmond, Virginia
Dempsey, Raymond Joseph	St. Luke's Hospital, Chicago, Ill.
Dwyer, Frank Philip, Jr.	St. Agnes Hospital, Baltimore, Md.
Ensor, Robert Ellwood	Mercy Hospital, Baltimore, Md.
Golombek, Leonard Harry	West Baltimore General Hospital, Baltimore, Md.
Grant, Bowie Linn	West Baltimore General Hospital, Baltimore, Md.
Green, James William	Harrisburg Hospital, Harrisburg, Pa.
Hamrick, George Vincent	Mercy Hospital, Pittsburgh, Pa.
Hankins, John Roland	University Hospital, Baltimore, Md.
Heldrich, Frederick Joseph, Jr.	University Hospital, Baltimore, Md.
Hoback, Florence Kunst	St. Mary's Hospital, Huntington, W. Va.
Hobart, Richard Loren, Jr.	Central Dispensary & Emergency Hospital, Wash., D. C.
Holloway, William Jackson	University Hospital, Baltimore, Md.
Insley, Marion Clarence, Jr.	South Baltimore General Hsopital, Baltimore, Md.
Kastner, Lee Norman	Sinai Hospital, Baltimore, Md.
Kaufman, Raymond Henry, Jr.	Beth Israel Hospital, New York City, N. Y.
Kemp, Katherine Virdin	West Baltimore General Hospital, Baltimore, Md.
Kennedy, Carl Hubert, Jr.	Episcopal Hospital, Philadelphia, Pa.
Leograndis, Stephen Cosmos	Cooper Hospital, Camden, New Jersey
Lithgow, Charles Harry	United States Marine Hospital, Baltimore, Md.
Mack, Harry Patterson	University Hospital, Baltimore, Md.
Mallis, Nicholas	University Hospital, Baltimore, Md.
Matthews, Burton Vincent	Pennsylvania Hospital, Philadelphia, Pa.
Matthews, Roland Dellwood	Watts Hospital, Durham, N. C.
McCauley, Elisabeth	Kings County Hospital, Brooklyn, N. Y.
McCrumb, Fred Rodgers, Jr.	University Hospital, Baltimore, Md.
Mohler, Donald Ignatius, Jr.	Bon Secours Hospital, Baltimore, Md.
Newell, Edward Alphonso	South Baltimore General Hospital, Baltimore, Md.
Niswander, Guy Donald	Cincinnati General Hospital, Cincinnati, Ohio

Nolan, Paul Vernon	Tampa Municipal Hospital, Davis Island, Tampa, Fla.
Padussis, Stephen Konstant	St. Agnes Hospital, Baltimore, Md.
Petersen, Phyllis Ann	University Hospital, Baltimore, Md.
Platt, Julian Jay	United States Marine Hospital, Galveston, Texas
Powell, Albert Milton, Jr.	Mercy Hospital, Baltimore, Md.
Redding, Joseph Stafford	Rey Hospital, Raleigh, N. C.
Rhyne, Jimmie Lee	Roper Hospital, Charleston, S. C.
Rodriguez, Edsel Antonio	St. Agnes Hospital, Baltimore, Md.
Rudolph, Robert Lee	University Hospital, Columbus, Ohio
Scherr, Merle Sundrell	Sinai Hospital, Baltimore, Md.
Schwartz, Benson Charles	Sinai Hospital, Baltimore, Md.
Shell, John Robert	Mercy Hospital, Baltimore, Md.
Silverman, Benjamin K.	Sinai Hospital, Baltimore, Md.
Silverstein, Daniel Lewis	West Baltimore General Hospital, Baltimore, Md.
Siwinski, Thaddeus Charles	Mercy Hospital, Baltimore, Md.
Smelser, Rennert Marquette	Mercy Hospital, Baltimore, Md.
Snyder, William Allen	United States Naval Hospital, Portsmouth, Va.
Stahl, Robert Ray	Mercy Hospital, Pittsburgh, Pa.
Swisher, Kyle Young, Jr.	University Hospital, Baltimore, Md.
Tarr, Norman	Marine Hospital, U. S. Public Health Service, Baltimore, Md.
Tate, Allen Denny, Jr.	Episcopal Hospital, Phila., Pa.
Theuerkauf, Frank Joseph, Jr.	Mercy Hospital, Baltimore, Md.
Thomas, Clyde Dana, Jr.	Mercy Hospital, Baltimore, Md.
Thuss, William Getz, Jr.	Grace-New Haven Community Hospital, New Haven, Conn.
Walters, Hezekiah G., Jr.	Union Memorial Hospital, Baltimore, Md.
Ware, Charles Ingersoll	Atlantic City Hospital, Atlantic City, N. J.
Waterman, Roger Sherman	United States Marine Hospital, Cleveland, Ohio
Welborn, James Todd	Charlotte Memorial Hospital, Charlotte, N. C.
Whitehorn, Clark Allen	Detroit Receiving Hospital, Detroit, Mich.
Wilson, John Dean	United States Naval Hospital, Chelsea, Mass.
Womack, William Spengler	Bon Secours Hospital, Baltimore, Md.
Young, John Paul	West Baltimore General Hospital, Baltimore, Md.

MATRICULATES

SENIOR CLASS, SEPTEMBER 18, 1947 TO JUNE 5, 1948

Alecce, Angelo Andrew, *B.S., Loyola College, 1945*	Maryland
Allison, George Malcolm, *Marquette University*	Illinois
Aponte, Joseph Louis, *University of Puerto Rico*	Puerto Rico
Auld, David, *Swarthmore College*	Maryland
Baker, Frank William, Jr., *University of Chicago*	Maryland
Beyer, David Henry, *Cornell University*	Minnesota
Bisanar, James Milton, *Davidson College*	North Carolina
Bond, Donald Buckey, *A.B., Western Maryland College, 1938*	Maryland
Bronstein, Eugene Leonard, *Emory University*	New York
Buchness, John Michael, *A.B., Loyola College, 1944*	Maryland
Bullock, John Boyd, *University of Richmond*	Virginia
Bulluck, Matt Heyer, *Guilford College*	North Carolina
Chamovitz, Robert, *Bethany College*	Pennsylvania
Chelton, Alice Katherine Graybill, *University of Chicago*	West Virginia
Condron, James Frank, *Muhlenberg College*	Pennsylvania
Crecraft, Harold James, *A.B., Taylor University, 1944*	Pennsylvania
Dalton, James Breckenridge, Jr., *University of Richmond*	Virginia

Dempsey, Raymond Joseph, *B.S., University of Notre Dame, 1944*..............Illinois
Dwyer, Frank Philip, Jr., *Mt. St. Mary's College*......................Pennsylvania
Ensor, Robert Ellwood, *Western Maryland College*......................Maryland
Golombek, Leonard Harry, *University of Maryland*......................Maryland
Grant, Bowie Linn, *Potomac State School of West Virginia*................Maryland
Green, James William, *Western Maryland College*......................Maryland
Hamrick, George Vincent, *Washington University*......................Maryland
Hankins, John Roland, *University of Virginia*..........................Virginia
Heldrich, Frederick Joseph, Jr., *A.B., Gettysburg College, 1945*............Maryland
Hoback, Florence Kunst, *A.B., West Virginia University, 1944*.........West Virginia
Hobart, Richard Loren, Jr., *Washington and Lee University*.......District of Columbia
Holloway, William Jackson, *Western Maryland College*..................Maryland
Insley, Marion Clarence, Jr., *University of Maryland*..................Maryland
Kastner, Lee Norman, *University of Pennsylvania*......................Maryland
Kaufman, Raymond Henry, *University of North Carolina*..................New York
Kemp, Katherine Virdin, *A.B., College of Notre Dame of Maryland, 1943*....Maryland
Kennedy, Carl Hubert, Jr., *University of Virginia*..................Pennsylvania
Leograndis, Stephen C., *Duke University*..........................Massachusetts
Lithgow, Charles Henry, *Loyola College*..............................Maryland
Mack, Harry Patterson, *Washington University*........................New York
Mallis, Nicholas, *Cornell University*................................Maryland
Matthews, Burton Vincent, *A.B., The Johns Hopkins University, 1943; Cornell University*..Maryland
Matthews, Roland Dellwood, *University of North Carolina; University of North Carolina School of Medicine, September 1944–March 1946*.........North Carolina
McCauley, Elisabeth, *B.S., University of Maryland, 1943*.................Maryland
McCrumb, Fred Rodgers, Jr., *Loyola College*..........................Maryland
Mohler, Donald Ignatius, Jr., *Loyola College*..........................Maryland
Newell, Edward Alphonso, *Western Maryland College*....................Maryland
Niswander, Guy Donald, *University of Michigan*.....................West Virginias
Nolan, Paul Vernon, *B.S. in Medicine, University of North Carolina, 1945; University of North Carolina School of Medicine, September 1944–March 1946* North Carolina
Padussis, Stephen Konstant, *University of Maryland*....................Maryland
Petersen, Phyllis Ann, *A.B., University of Michigan, 1943*................Maryland
Platt, Julian Jay, *Loyola College*....................................Maryland
Powell, Albert Milton, Jr., *University of North Carolina*................Maryland
Redding, Joseph Stafford, *A.B., University of North Carolina, 1943; University of North Carolina School of Medicine, September 1944–March 1946*..North Carolina
Rhyne, Jimmie Lee, *University of North Carolina*.....................North Carolina
Rodriguez, Edsel Antonio, *College of the Holy Cross*..................Puerto Rico
Rudolph, Robert Lee, *Ohio University*.....................................Ohio
[1]Sanford, William Gordon, *University of North Carolina, University of North Carolina School of Medicine, September 1944–March 1946*.........North Carolina
Scherr, Merle Sundrell, *West Virginia University*.................West Virginia
Schwartz, Benson Charles, *University of Maryland*......................Maryland
Shell, John Robert, *University of Richmond*............................Virginia
Silverman, Benjamin K., *A.B., The Johns Hopkins University, 1947*..........Maryland
Silverstein, Daniel Lewis, *Loyola College*............................Maryland
Siwinski, Thaddeus Charles, *A.B., Loyola College, 1944*................Maryland
Smelser, Rennert Marquette, *University of Maryland*....................Maryland
Snyder, William Allen, *The Johns Hopkins University*...................Maryland
Stahl, Robert Ray, *University of New Hampshire*....................Pennsylvania
Swisher, Kyle Young, Jr., *Bethany College*.......................West Virginia
Tarr, Norman, *Washington College*.....................................Maryland
Tate, Allen Denny, Jr., *B.S. in Medicine, University of North Carolina, 1945; University of North Carolina School of Medicine, September 1944–March 1946*..North Carolina
Theuerkauf, Frank Joseph, Jr., *Villa Maria College*..................Pennsylvania
Thomas, Clyde Dana, Jr., *Bethany College*.........................West Virginia

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[1] Certified on June 7, 1948 for graduation. Diploma will be awarded September 15, 1948.

Thuss, William Getz, Jr., *Emory University*.................Alabama
Walters, Hezekiah G., Jr., *A.B., University of North Carolina, 1944*....North Carolina
Ware, Charles Ingersoll, *Wake Forest College*.................New Jersey
Waterman, Roger Sherman, *Bethany College*.................Pennsylvania
Welborn, James Todd, *B.S., Davidson College, 1944; University of North Carolina School of Medicine, September 1944–March 1946*.................North Carolina
Whitehorn, Clark Allan, *The Johns Hopkins University*.................Michigan
Wilson, John Dean, *Bethany College*.................Pennsylvania
Womack, William Spengler, *Emory and Henry College*.................Virginia
Young, John Paul, *The Johns Hopkins University*.................Maryland

JUNIOR CLASS, SEPTEMBER 18, 1947 TO JUNE 5, 1948

Abraham, Robert Auman, *B.S., Franklin and Marshall College, 1945*.....Pennsylvania
Bachman, Leonard, *B.S., Franklin and Marshall College, 1946*.................Maryland
Barnard, John William, *B.S., Milligan College, 1937*.................Maryland
Belkin, Joseph William, *College of the Holy Cross*.................Connecticut
Benjamin, William Philip, *A.B., Brooklyn College, 1943*.................New York
Bennett, Sara Elizabeth, *A.B., Randolph-Macon, 1930; University of North Carolina School of Medicine, September 1945–June 1947*.................North Carolina
Blundell, Albert Edward, *Temple University*.................Utah
Bradford, Edward, *West Virginia College; University of North Carolina; University of North Carolina School of Medicine, September 1945–June 1947*........Georgia
Cline, James Alexander, III, *University of Pennsylvania*.................Nebraska
Deringer, Florence Hurtt, *B.S., Washington College, 1945*.................Maryland
Ensor, Wilmer Clifton, Jr., *B.S., Loyola College, 1945*.................Maryland
Eubanks, Otha Albert, Jr., *Duke University*.................North Carolina
Forman, Robert Blaine, *University of Oregon*.................Oregon
Fravel, Charles Richard, *Cornell University*.................Virginia
Gill, Joseph Edward, *Union College*.................Pennsylvania
Gorten, Martin Klaus, *A.B., Western Maryland College, 1943*.................New Jersey
Gray, Harry Williams, *Duke University*.................Maryland
Guido, Angelina, *A.B., West Virginia University, 1945; West Virginia University, School of Medicine, September 1945–June 1947*.................West Virginia
Harris, James Radcliffe, *Temple University*.................Pennsylvania
Henderson, Charles Thomas, *The Johns Hopkins University*.................Illinois
Humphreys, Charles Wesley, Jr., *Duke University*..............District of Columbia
Knabe, George William, Jr., *The Johns Hopkins University*.................Michigan
Lewis, Thomas Earl, *Pennsylvania State College*.................Pennsylvania
Lock, Burton Vernon, *The Johns Hopkins University*.................Maryland
London, Nathaniel Jacob, *The Johns Hopkins University*.................Maryland
Longley, George Henry, *University of Minnesota*.................Maryland
Lukens, James Thomas, *Vanderbilt University*.................Pennsylvania
Malcarney, Alberta Rose, *A.B., University of Southern California, 1944*....California
Mattax, Harry McCoy, *Western Maryland College*.................Maryland
Matthews, Mary Elizabeth, *B.S., North Carolina State 1936; M.S., University of North Carolina, 1945; University of North Carolina, School of Medicine, Sept. 1945–June 1947*.................North Carolina
May, Homer Woodrow, *B.S., University of Pittsburgh, 1944*.................Pennsylvania
McCord, Charles Frederic, *Pennsylvania State College*.................Indiana
Middleton, Edmund Bishop, *The Johns Hopkins University*.................Rhode Island
Miller, Max Jay, *University of Richmond*.................Maryland
Moyer, John Lewis, III, *University of Minnesota*.................Pennsylvania
Neumayer, Francis, *University of Maryland*.................Pennsylvania
Newell, Josephine Evelyn, *University of the State of South Carolina*....North Carolina
Nicklas, Gilbert Lee, *B.S., Franklin and Marshall College, 1946*.................Maryland
Panzarella, John Henry, *Fordham University*.................New York
Parelhoff, Merrill Elliott, *University of Maryland*.................Maryland
Pittman, Robert Raikes, *A.B., Wake Forest College, 1937; University of North Carolina, School of Medicine, September 1945–June 1947*..........North Carolina
Pleet, Jerome, *Stanford University, University of Texas School of Medicine, September 1945–May 1946*.................Maryland
Raskin, Howard Frank, *The Johns Hopkins University*.................Maryland

Riddel, Clifford Thurston, Jr., *A.B., Bridgewater College, 1933*............Virginia
Roehrig, Charles Burns, *Vanderbilt University*....................Massachusetts
Rosen, Robert Reuben, *A.B., University of North Carolina, 1945; University of North Carolina, School of Medicine, September 1945–June 1947*....North Carolina
Sarewitz, Albert Bernard, *University of Pennsylvania*.................New Jersey
Scher, Jordan Mayer, *A.B., Wesleyan University, 1946*..................Maryland
Schmale, Arthur Henry, Jr., *Pennsylvania State College*.................Nebraska
Schnaper, Nathan, *B.S., Washington College*............................Maryland
Schreiber, Richard David, *Bethany College*...............................Illinois
Sherrard, Margaret Lee, *A.B., Seton Hill College, 1945*..............West Virginia
Smith, Meredith Parks, *St. Lawrence University*......................Minnesota
Snider, Kenneth Bruce, *University of Maryland*...........................Texas
Spittel, John Allen, Jr., *B.S., Franklin and Marshall College, 1944*..........Maryland
Stahler, Earlin John, *University of Maryland*.......................Pennsylvania
Stanfield, Elwin Eugene, *University of Pennsylvania*...................California
Steckler, Robert Joseph, *A.B., Evansville College, 1943*..................Indiana
Stevenson, Edward Ward, *Duke University*..............................Virginia
Strahan, John Franklin, *Duke University*...............................Maryland
Tilley, Russell McFarlane, Jr., *University of Rochester*................New York
Timanus, James Kyner, *Oberlin College*....................................Ohio
Tramer, Arnold, *University of Maryland*................................Maryland
Trettin, Gene Douglas, *Ursinus College*................................Maryland
Warnock, Robert George, *Bates College*....................................Ohio
Watson, Frank Yandle, *Duke University*.........................North Carolina
Welch, Elbert Sylvester, *Duke University*...............................Alabama
Wolfe, Carolyn DeWitt, *A.B., Hollins College, 1945*..................New Jersey
Ziegler, John Bosley, *A.B., Gettysburg College, 1942*....................Maryland

SOPHOMORE CLASS, SEPTEMBER 18, 1947 TO JUNE 5, 1948

Andersen, William Andrew, *The Johns Hopkins University*...............Maryland
Bacon, John Louis, *Wagner College*....................................New York
Bagley, Charles, *B.S., Loyola College, 1945*...........................Maryland
Baumann, Wilbur Nelson, *University of Maryland*........................Maryland
Bisgyer, Jay Lewis, *University of Pennsylvania*.................District of Columbia
Bleecker, Harry Harlan, Jr., *University of California*..................California
Borges, Francis Joseph, *University of Maryland*.........................Maryland
Bradshaw, Raymond, Jr., *B.S., University of Maryland, 1943*..............Maryland
Bronushas, Joseph Benedict B., *B.S., Loyola College, 1946*...............Maryland
Burkey, Fred Jamison, *St. Francis College*..............................Maryland
Chelton, Louis Guy, *Gettysburg College*.................................Maryland
Coller, Jerome Joel, *A.B., The Johns Hopkins University, 1946*............Maryland
Corpenning, Tom Nye, *University of North Carolina*..................North Carolina
Cowen, Joseph Robert, *The Johns Hopkins University*.....................Maryland
Cracraft, William Atkinson, *B.S., Virginia Military Institute, 1939*....West Virginia
Daly, Harold Lawrence, Jr., *University of Maryland*.....................Maryland
Deitz, Leonard Loeb, *A.B., University of North Carolina, 1946*.............Maryland
Demarest, Elinor Weed, *A.B., Randolph-Macon Woman's College, 1946*......Maryland
Demarest, Lawrence Mann, *B.S., Bowdoin College, 1945*.................New York
Demmy, Nicholas, *B.S., University of Pittsburgh, 1942*.................Pennsylvania
Edmunds, Frederick Thomas, *B.S., Hampden-Sydney College, 1941*......West Virginia
Googins, Charles George, *B.S., University of Maryland*....................Kansas
Gould, Virginia Marie, *B.S., Nazareth College, 1941*....................New York
Greenstein, George Herbert, *A.B., The Johns Hopkins University, 1941*...Maryland
Hamberry, Leonard Gerard, *A.B., Loyola College, 1940*..................Maryland
Hawkins, George Kenneth, *B.S., Upsala College, 1943*................New Jersey
Healy, John Clauson, *University of Connecticut*.....................Connecticut
Henson, Stanley Willard, Jr., *B.S., Oklahoma A. & M. College, 1945*......Maryland
Heuman, Philip Walter, *B.S., University of Michigan, 1941*...............Maryland
Hofsteter, Grace, *College of Wooster*......................................Ohio
Hoyt, Irvin Gorman, *A.B., St. Johns College, Annapolis, 1939*.............Maryland
Huffer, Sarah Virginia, *B.S., University of Maryland, 1940*..............Maryland
Husted, Harriet Lamont, *A.B., Wells College, 1944*....................New Jersey

Hyle, John Charles, *B.S., Loyola College, 1942*	Maryland
Ibsen, Maxwell, *A.B., The Johns Hopkins University, 1939; A.M., University of Pennsylvania, 1940*	Pennsylvania
Iten, George Joseph, *A.B., Goshen College, 1946*	California
Jenkins, Sarah Anetta, *B.S., George Washington University, 1946*	Maryland
Jensen, Roy David, *B.S., University of Nevada, 1941*	Nevada
Kasik, Frank Thomas, *University of Maryland*	Maryland
Kelley, Gordon William, *University of Maryland*	Maryland
Lewis, Thomas Franklin, Jr., *A.B., Western Maryland College, 1941*	Maryland
Lichtenberg, Joseph David, *A.B., The Johns Hopkins University, 1943*	Maryland
Martin, George William, Jr., *University of Delaware*	Delaware
McElvain, Wilbert Harding, *B.S., Grove City College, 1943*	Pennsylvania
Miller, Dorothea Anna, *B.S., Washington College, 1946*	Maryland
Miller, Robert Eugene, *A.B., Bridgewater College, 1943*	Maryland
Myers, Evangeline, *A.B., West Virginia University, 1945; A.M., Columbia University, 1946*	West Virginia
Noguera, Julio Tomas, *University of Puerto Rico*	Puerto Rico
O'Malley, Joseph Edward, *Colby College*	Maryland
Rever, William Benjamin, Jr., *Cornell University*	Maryland
Reynaud, Louis Favrot, Jr., *Emory University*	Illinois
Richardson, Paul Frederick, *Baylor University*	Maryland
Righetti, Milton Raymond, *University of California*	California
Roth, Oliver Ralph, *University of Maryland*	Maryland
Rubin, Seymour Howard, *A.B., The Johns Hopkins University, 1946*	Maryland
Rudy, Norman Edward, *Fresno State College*	California
Sandler, Robert, *B.S., University of Maryland, 1943*	Maryland
Shamer, Miriam Abbott, *A.B., Goucher College, 1946*	Maryland
Shepherd, Frederick Parker, *A.B., Syracuse University, 1935*	Maryland
Simmons, Frederic Rudolph, Jr., *B.S., Loyola College, 1946*	Maryland
Sires, William Oscar, *Western Maryland College*	Maryland
Sklar, Allen Leon, *Western Maryland College*	Maryland
[1]Smith, Boylston Dandridge, Jr., *West Virginia University*	West Virginia
Smith, Morton, *University of Maryland*	Maryland
Sosnowski, Andrew Raymond, *B.S., Loyola College, 1945*	Maryland
Spaulding, Raymond Charles, Jr., *B.S., John B. Stetson University, 1943*	Florida
Startzman, Henry Hollingsworth, Jr., *Loyola College*	Maryland
Storm, Mary Elizabeth, *A.B., Swarthmore College, 1946*	Maryland
Sulka, Casimir Michael, *Loyola College*	Illinois
Thibadeau, Robert Torndorff, *B.S., University of Maryland, 1945*	Maryland
Thompson, William Wesley, *B.S., Washington College, 1938*	Maryland
Upton, Albert Louis, *A.B., University of California, 1942*	California
Van Goor, Kornelius, *Calvin College*	New Jersey
Vicens, Enrique A., *University of Puerto Rico*	Puerto Rico
White, Fowler Felix, *B.S., Trinity College, 1942*	Connecticut
Wilson, Clifford Edward, Jr., *Bowdoin College*	Connecticut
Wolf, Ernest Simon, *University of Maryland*	Maryland
Yeager, William Howard, Jr., *B.S., University of Maryland, 1944*	Maryland

FRESHMAN CLASS, SEPTEMBER 18, 1947 TO JUNE 5, 1948

Arthur, Robert Key, Jr., *Mercer University*	Georgia
Barthel, John Paul, *Western Maryland College*	Maryland
Beardsley, Earl Miller, *University of Maryland*	Maryland
Bell, Arthur Keith, *A.B., Oberlin College, 1947*	Maryland
Bilder, Joseph, Jr., *B.S., University of Akron, 1944*	Ohio
[1]Bills, Wilson Leo, *University of Maryland*	Maryland
Birely, Beverly Robert, *University of Maryland*	Maryland
Blades, Nancy, *A.B., Connecticut College, 1947*	New Jersey
Bossard, John Wesley, *A.B., Duke University, 1947*	Maryland
[1]Bowen, Paul Allen, *Mercer University*	Georgia
Brannon, John Vandale, *Fairmont College*	West Virginia

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[1] Did not complete year.

Buell, John Russell, Jr., *University of Maryland*	Maryland
Christopher, Russell Lee, *A.B., Bowdoin College, 1947*	Massachusetts
Clemmens, Raymond Leopold, *B.S., Loyola College, 1947*	Maryland
Coffman, Kaohlin Miner, *A.B., Western Maryland College, 1947*	Pennsylvania
Cohen, Solomon, *A.B., University of Denver, 1947*	Maryland
Curanzy, Raymond Ralph, *Juniata College*	Pennsylvania
Deckelbaum, Joseph, *University of Maryland*	Maryland
Dettbarn, Ernest Albert, *B.S., Randolph-Macon, 1947*	Maryland
Donner, Leon, *B.S., State Teachers College, 1942*	Maryland
Dudley, Winston Clark, *A.B., Oberlin College, 1943*	Massachusetts
Dunn, George Mitchell, Jr., *George Washington University*	District of Columbia
Edwards, David Everett, *University of Maryland*	District of Columbia
Edwards, William Hunter, Jr., *A.B., Johns Hopkins University, 1940*	Maryland
Esmond, William George, *B.S., University of Maryland, 1940*	Maryland
Evans, Otis Druell, Jr., *B.S., Davidson College, 1947*	North Carolina
Ferguson, Charles Kirkpatrick, *Muskingum College*	Kansas
Fitzgerald, Joseph Carroll, *Middlebury College*	Maryland
[1]Freeman, Horatio Putnam, *B.S., Dickinson College, 1947*	Maryland
Fullilove, Jack, *University of Georgia*	Georgia
Gallaher, James Patrick, *Ohio Wesleyan University*	West Virginia
Garcia-Palmieri, Mario Ruben, *University of Puerto Rico*	Puerto Rico
Gates, John Butler, *University of Wisconsin*	Wisconsin
[1]Glenn, George Waverly, *University of Maryland*	Maryland
Gordon, Benjamin Dichter, *Connecticut College*	New York
Hatem, Frederick Joseph, *Georgetown University*	Maryland
Hopkins, Robert Charles, *B.S., Allegheny College, 1946*	Pennsylvania
[1]Hutchison, William Forrest, *Emory University*	Florida
Johnson, Frederick Miller, *B.S., University of Maryland, 1943*	District of Columbia
Johnson, Wallace Edward, *Wesleyan University*	New Hampshire
[2]Karn, William Nicholas, Jr., *Alfred University*	Maryland
Kaschel, Paul Edward, *A.B., Wheaton College, 1947*	New Jersey
Kindt, Willard Freed, *Muhlenberg College*	Pennsylvania
King, Victor Francis, *University of Maryland*	Maryland
Kipnis, David Morris, *A.B., Johns Hopkins University, 1945*	Maryland
Knipp, Harry Lester, *Loyola College*	Maryland
Kramer, Howard Calvin, *University of Maryland*	Maryland
Lamb, William Eugene, *B.S., University of Florida, 1947*	Florida
Lanning, Theodore Reuney, *B.S., Springfield College*	New Jersey
Leibman, Jack, *A.B., Johns Hopkins University, 1947*	Maryland
Ley, Leo Henry, Jr., *St. Mary's College of Maryland*	Maryland
Lister, Leonard Melvin, *Loyola College*	Maryland
Love, Robert George, *B.S., Massachusetts State College, 1947*	Massachusetts
MacDonald, James Melvin, *B.S., Loyola College, 1947*	Maryland
McFadden, Earl Boyd, *B.S., University of Maryland, 1947*	Maryland
McFadden, John William, *Mt. Union College*	Ohio
McGrady, Charles Winifred, Jr., *A.B., Emory University, 1947*	Georgia
Mendez-Bryan, Ricardo Tomas, *University of Puerto Rico*	Puerto Rico
Mosser, Robert Schaaf, *University of Maryland*	Maryland
Mutter, Arthur Zelig, *Franklin & Marshall*	Maryland
Myers, Donald Johnson, *B.S., Bethany College, 1934*	Ohio
Nygren, Edward Joseph, *A.B., Western Maryland College, 1947*	Maryland
Orth, John Stambaugh, *University of Maryland*	Maryland
Packard, Douglas Richard, *University of Maryland*	Maryland
Pencheff, Dorris Marie, *A.B., University of California, 1946*	California
Perilla, Frank Robert, *B.S., University of Maryland*	Maryland
Perry, Henry David, Jr., *A.B., Emory University, 1947*	Florida
Reeser, Guy McClelland, Jr., *A.B., Western Maryland College, 1947*	Maryland
Reeves, Henry Gray, Jr., *B.S., Wake Forest College, 1947*	North Carolina
Reilly, Kathleen Margaret, *B.S., Long Island University, 1947*	New York
Rex, Eugene Braiden, *Vanderbilt College*	Colorado

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[1] Did not complete year.

[2] Withdrew November 1, 1947.

Reynolds, Georgia, *A.B., Western Maryland College, 1947*	Maryland
Rice, Robert Milton, *B.S., Dickinson College, 1947*	Maryland
Rombro, Marvin Jay, *A.B., Bucknell University, 1947*	Maryland
Rowland, Harry Shepard, Jr., *A.B., Wesleyan University, 1947*	New Jersey
Saavedra-Amador, Armando, *University of Puerto Rico*	Puerto Rico
Scott, Roger David, *University of Virginia*	Florida
Scully, John Thorsen, *Indiana University*	Indiana
Shea, William Harold Holland, *B.S., Loyola College*	Maryland
Sherry, Samuel Norman, *University of Maryland*	Maryland
Sipple, Edward N., *Earlham College*	Maryland
Skipton, Roy Kennedy, *University of Maryland*	Maryland
Solomon, David Milton, *University of Maryland*	Maryland
Stone, John Hoskins, *University of Maryland*	Maryland
Tobias, Richard Boyd, *B.S., Bucknell University, 1947*	Pennsylvania
Twigg, Homer Lee, Jr., *University of Maryland*	Maryland
Udel, Melvin, *A.B., University of Maryland*	Maryland
[1]Valentine, Clarence Eldred, *A.B., Washington College, 1943*	Maryland
Venrose, Robert James, *A.B., University of Michigan, 1946*	Ohio
Watson, Charles Polk, Jr., *A.B., West Virginia University, 1947*	West Virginia
Weekley, Robert Dean, *B.S., Heidelberg College, 1947*	Ohio
Wheelwright, Harvey Pearse, *Brigham Young University*	Utah
Williams, Charles Ray, *A.B., Gettysburg College, 1947*	Maryland
[1]Wolfe, Harvey Edward, *Lebanon Valley College*	Pennsylvania
York, Shelley Clyde, Jr., *B.S., Guilford College*	North Carolina
Young, Calvin Lessey, *A.B., Haverford College, 1947*	Maryland

SPECIAL STUDENTS

John Shelby Metcalf	California

STUDENTS IN ART AS APPLIED TO MEDICINE

Margaret Wetherill Wood, *R.N.*	Maryland

INTRA MURAL POSTGRADUATE STUDENTS

July 1, 1947 to June 30, 1948

General Anatomy "A"	*Medical School*
Alberto Adam, M.D.	*University of Maryland*
Robert Z. Berry, M.D.	*University of Maryland*
Rowell Connor Cloninger, M.D.	*University of Maryland*
Isaac Gutman, M.D.	*University of Maryland*
Robert B. McFadden, M.D.	*University of Maryland*
Joseph H. Saunders, M.D.	*Tulane University*
Frank Vanni, M.D.	*N. Y. Medical College*
Surgical Anatomy "B"	
Vincent A. Cacace, M.D.	*Loyola University, Chicago*
Rowell Connor Cloninger, M.D.	*University of Maryland*
Gordon Crabb, M.D.	*P. & S. Columbia University*
Robert Louis Gibbs, M.D.	*University of Maryland*
William H. Heath, Jr., M.D.	*University of Tennessee*
Joseph R. Liberto, M.D.	*University of Tennessee*
Rush E. Netterville, M.D.	*Louisiana State University*
Norman Oliver, M.D.	*Long Island College of Medicine*
Michael R. Ramundo, M.D.	*University of Maryland*
Gynecology & Obstetrics	
Hugh B. Brown, Jr., M.D.	*Medical College of Virginia*
Donald L. Ferris, M.D.	*University of Rochester*
Harold F. Funsch, M.D.	*St. Louis University*

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[1] Did not complete year.

GYNECOLOGY, ONCOLOGY AND FEMALE UROLOGY

	Medical School
LEONARD J. RABHAN, M.D.	*University of Georgia*

PATHOLOGY (SPECIAL)

WM. J. BRYSON, M.D.	*University of Maryland*
MORRIS BURLESON, M.D.	*Duke University*
JOHN P. GREENE, M.D.	*Johns Hopkins University*
WM. B. HAGAN, M.D.	*University of Maryland*
H. N. KAGAN, M.D.	*George Washington School of Medicine*
WM. R. RABY, M.D.	*University of Maryland*
JAMES S. THOMISON, M.D.	*New York University*
HUGH VAZZANA, M.D.	*University of Maryland*
JAMES WALKER, M.D.	*University of Maryland*
ISAAC WRIGHT, M.D.	*University of Maryland*

EXTRA MURAL POSTGRADUATE STUDENTS

PHYSICIANS ATTENDING 1947-1948 EXTENSION LECTURES

COURSE GIVEN AT PRINCE GEORGE'S GENERAL HOSPITAL, CHEVERLY, MARYLAND

ALBERT L. ANDERSON, M.D.	*Annapolis, Md.*
JAMES E. ANDREWS, M.D.	*Berwyn, Maryland*
J. P. BEAN, M.D.	*Great Mills, Maryland*
JOSEPH BERKENBILT, M.D.	*Greenbelt, Md.*
SAMUEL BORSSUCK, M.D.	*Annapolis, Maryland*
WILLIAM BRAININ, M.D.	*Capitol Heights, Md.*
IRVING BURKA, M.D.	*Washington, D. C.*
J. M. BYERS, M.D.	*Hyattsville, Md.*
THOMAS A. CHRISTENSEN, M.D.	*College Park, Md.*
DAVID S. CLAYMAN, M.D.	*Mt. Rainer, Md.*
AARON DIETZ, M.D.	*Hyattsville, Md.*
WILLIAM M. EISNER, M.D.	*Greenbelt, Md.*
WOLCOTT L. ETIENNE, M.D.	*Berwyn, Maryland*
ROLAND R. FLEISCHER, M.D.	*Cheverly, Maryland*
LESLIE H. FRENCH, M.D.	*Washington, D. C.*
IRVIN M. GRASSGREEN, M.D.	*Mt. Rainer, Maryland*
CHARLES C. HAGEAGE, M.D.	*Mt. Rainer, Maryland*
GEORGE HAGEAGE, M.D.	*Cottage City, Maryland*
LEONARD HAYS, M.D.	*Hyattsville, Maryland*
LLOYD HUGHES, M.D.	*Cheverly, Maryland*
PAGE C. JETT, M.D.	*Prince Frederick, Maryland*
LOUIS M. JIMAL, M.D.	*Cottage City, Md.*
JULIUS KAUFFMAN, M.D.	*Bladensburg, Maryland*
JULIAN S. LANE, M.D.	*Leonardtown, Maryland*
OSCAR LAVINE, M.D.	*Mt. Rainer, Maryland*
JOHN T. MALONEY, M.D.	*Cheverly, Maryland*
WALDO B. MAYERS, M.D.	*College Heights, Md.*
ROBERT S. MCCENEY, M.D.	*Laurel, Maryland*
GEORGE H. MCLAIN, M.D.	*Washington, D. C.*
HELENE D. MICHAEL, M.D.	*University Park, Maryland*
BENJAMIN S. MILLER, M.D.	*Mt. Rainer, Maryland*
JAMES SASSCER, M.D.	*Upper Marlboro, Maryland*
ROBERT SASSCER, M.D.	*Upper Marlboro, Maryland*
PAUL VAN NUTTA, M.D.	*Parkland, Maryland*
JOHN M. WARREN, M.D.	*Laurel, Maryland*
GEORGE J. WEEMS, M.D.	*Huntingtown, Maryland*
HANS WODAK, M.D.	*Greenbelt, Maryland*

COURSE GIVEN AT UNIVERSITY HOSPITAL FOR CARROLL-HOWARD COUNTY GROUPS

S. LUTHER BARE, M.D.	*Westminster, Maryland*
C. L. BILLINGSLEA, M.D.	*Westminster, Maryland*

George E. Burgtorf, M.D.	*Ellicott City, Maryland*
Wilbur H. Foard, M.D.	*Manchester, Maryland*
J. Stanley Grabill, M.D.	*Mt. Airy, Maryland*
Gertrude M. Gross, M.D.	*Sykesville, Maryland*
Irene L. Hitchman, M.D.	*Sykesville, Maryland*
Reuben Hoffman, M.D.	*Henryton, Maryland*
Carl Wm. Jennette, M.D.	*Westminster, Maryland*
Thomas Henry Legg, M.D.	*Union Bridge, Maryland*
James T. Marsh, M.D.	*Westminster, Maryland*
M. N. Mastin, M.D.	*Sykesville, Maryland*
Frank E. Shipley, M.D.	*Savage, Maryland*
W. Glenn Speicher, M.D.	*Westminster, Maryland*
L. C. Stitely, M.D.	*New Windsor, Maryland*
W. C. Stone, M.D.	*Westminster, Maryland*
Robert Hay Taylor, M.D.	*Sykesville, Maryland*
Charles S. Whitaker, M.D.	*Clarksville, Maryland*
Elizabeth Winiarz, M.D.	*Sykesville, Maryland*
Witold Winiarz, M.D.	*Sykesville, Maryland*
Lewis K. Woodward, Sr., M.D.	*Westminster, Maryland*

COURSE GIVEN AT WASHINGTON COUNTY HOSPITAL, HAGERSTOWN, MARYLAND

Henry Aldis, M.D.	*Sharpsburg, Md.*
Jack H. Beachley, M.D.	*Hagerstown, Md.*
R. A. Bell, M.D.	*Hagerstown, Md.*
Owen H. Binkley, M.D.	*Hagerstown, Md.*
Lynn H. Brumback, M.D.	*Hagerstown, Md.*
William Dick Campbell, M.D.	*Hagerstown, Md.*
Robert vanLiew Campbell, M.D.	*Hagerstown, Md.*
Archie Robert Cohen, M.D.	*Clear Spring, Md.*
Robert P. Conrad, M.D.	*Hagerstown, Md.*
John W. Crawford, M.D.	*Hagerstown, Md.*
E. W. Ditto, Jr., M.D.	*Hagerstown, Md.*
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SUMMARY OF STUDENTS

September 18, 1947 to June 5, 1948

Medical Students	*Male*	*Female*	*Total*
Senior Class	73	5	78
Junior Class	61	8	69
Sophomore Class	69	10	79
Freshman Class	92	4	96
	295	27	322
Post-Graduate Intramural Courses	30	0	30
Special students	1	0	1
Students in Art as Applied to Medicine	0	1	1
	326	28	354

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 18, 1947 to June 5, 1948

Alabama	2	Nevada	1
California	10	New Hampshire	1
Colorado	1	New Jersey	11
Connecticut	4	New York	12
Delaware	1	North Carolina	11
District of Columbia	6	Ohio	9
Florida	7	Oregon	1
Georgia	2	Pennsylvania	28
Illinois	5	Rhode Island	1
Indiana	4	Texas	1
Kansas	2	Utah	2
Maryland	156	Virginia	9
Massachusetts	6	West Virginia	15
Michigan	2	Wisconsin	1
Minnesota	2	United States Possessions	
Missouri	1		
Nebraska	2	Puerto Rico	6

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The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University of Maryland, coming under the same government. It is a non-sectarian school, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 435 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing.

Programs offered: The programs of study of the school are planned for two groups of students: (a) the five-year group, (b) the 36-month group.

The requirements for admission to the five-year program of the School of Nursing are the same as for other colleges of the University. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and to the diploma of the University Hospital School of Nursing.

The requirements for admission to the 36-month program are the satisfactory completion of an academic course in an approved high school. The completion of this course entitles the student to the diploma of the University of Maryland School of Nursing.

Applications and catalogues may be obtained from the Director of the School of Nursing, University Hospital, Baltimore 1, Md.

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The Mercy Hospital School of Nursing was established in 1899 and incorporated on December 23, 1901. It is an integral part of the Mercy Hospital and is under the same government. Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and affiliated sciences.

The University of Maryland, and Mount Saint Agnes College, in affiliation with the Mercy Hospital School of Nursing, offer a five year combined Academic and Nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and Mount Saint Agnes College, and to the diploma of the Mercy Hospital School of Nursing. Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching institutions. This program consequently offers a distinct advantage.

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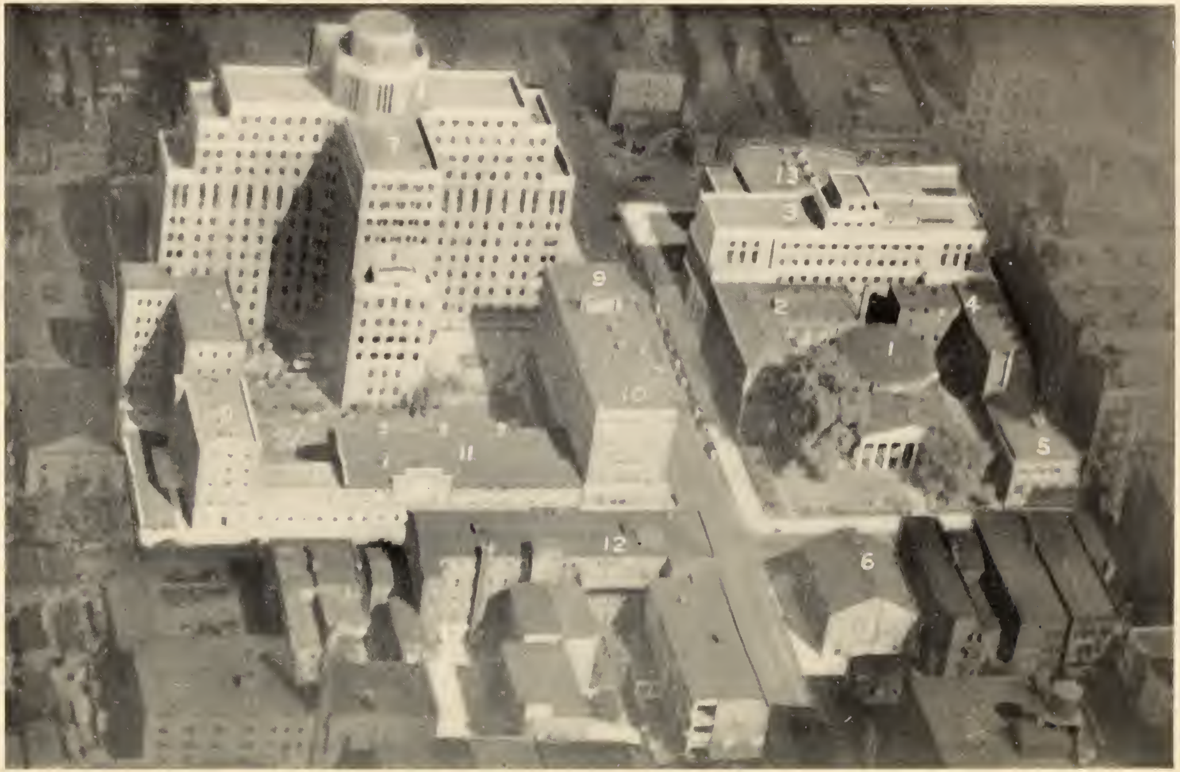

Baltimore Schools—University of Maryland

1. Original Medical Building
2. Laboratory Building, Medicine
3. Bressler Building, Medicine
4. Gray Laboratory, Student's Lounge, Medicine
5. Administration Building, College of Education, Baltimore Division
6. Medical Library
7. University Hospital
8. Nurses' Home, Medicine
9. School of Pharmacy
10. School of Dentistry
11. Dental Clinic
12. Out-Patient Clinics, Medicine
13. School of Law

BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

SEPTEMBER, 1949

1807 · 1856 · 1920

Announcements for

The One Hundred Forty-Fourth Academic Session
1949–1950

Catalogue of
The One Hundred Forty-Third Academic Session
1948–1949

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CALENDAR

1949

JULY

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CALENDAR

ACADEMIC YEAR—SEPTEMBER 22, 1949 TO JUNE 10, 1950

1949	
September 12, 13, 14	Re-examinations for advancement

FIRST SEMESTER—September 22, 1949 to January 28, 1950

September	20	Tuesday	*Registration, payment of fees, freshmen and sophomores
September	21	Wednesday	*Registration, payment of fees, all other students
September	22	Thursday	Instruction begins at 8.30 A.M.
November	23	Wednesday	Instruction suspended at 5.00 P.M. Thanksgiving Holidays
November	28	Monday	Instruction resumed
December	20	Tuesday	Instruction suspended at 5.00 P.M. Christmas Holidays
1950			
January	3	Tuesday	Instruction resumed
January	23	Monday	Midyear examinations
	to		*Payment of fees for second semester
January	28	Saturday	First semester completed 2.00 P.M.

SECOND SEMESTER—January 30 to June 10, 1950

January	30	Monday	Instruction begins at 8.30 A.M.
February	21	Tuesday	Instruction suspended at 5.00 P.M.
February	22	Wednesday	Holiday—Washington's Birthday
February	23	Thursday	Instruction resumed
April	5	Wednesday	Instruction suspended at 5.00 P.M. Easter Holidays
April	13	Thursday	Instruction resumed
May	22	Monday	Junior examinations begin
May	29	Monday	Junior examinations continue Sophomore and Freshmen examinations begin
May	30	Tuesday	Holiday—Memorial Day
June	3	Saturday	Announcement of graduates
June	10	Saturday	Commencement Second semester completed at 12.30 P.M.

PARTIAL CALENDAR FOR 1950–1951

1950		
September 11, 12, 13		Re-examinations for advancement
September 19	Tuesday	*Registration, payment of fees, freshmen and sophomores
September 19	Tuesday	*Registration, payment of fees, freshmen and sophomores
September 20	Wednesday	*Registration, payment of fees all other students
September 21	Thursday	Instruction begins at 8.30 A.M.

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* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars ($5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 5:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

Harry Clifton Byrd, B.S., LL.D., D.Sc., *President and Executive Officer*

BOARD OF REGENTS

		Term Expires
William P. Cole, Jr., *Chairman*	Baltimore	1949
Stanford Z. Rothschild, *Secretary*	Baltimore	1952
J. Milton Patterson, *Treasurer*	Baltimore	1953
Peter W. Chichester	Frederick	1951
Edward F. Holter	Middletown	1950
E. Paul Knotts	Denton	1954
Charles P. McCormick	Baltimore	1957
Harry H. Nuttle	Denton	1957
Philip C. Turner	Baltimore	1950
Millard E. Tydings	Washington, D. C.	1951
Mrs. John L. Whitehurst	Baltimore	1956

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Faculty Council, composed of the Dean and members of its faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Education (Baltimore Division)

At College Park

The College of Agricultural
The College of Arts and Sciences
The College of Business and Public Administration
The College of Commerce
The College of Education
The College of Engineering
The College of Home Economics
The Graduate School
The Department of Military Science and Tactics
The Department of Physical Education and Recreation
The Summer School

ADMINISTRATIVE OFFICERS

School of Medicine

H. C. Byrd, B.S., L.L.D., D.Sc.	*President of the University*
Maurice C. Pincoffs, B.S., M.D.,	*Assistant to the President*
H. Boyd Wylie, M.D	*Dean*
O. G. Harne	*Assistant to the Dean*
Alma H. Preinkert, M.A	*Registrar*
Edgar F. Long, Ph.D	*Director of Admissions*

FACULTY OF MEDICINE

EMERITI

J. Frank Crouch, M.D.	Professor of Clinical Ophthalmology and Otology, Emeritus
Harry Friedenwald, A.B., M.D., D.H.L., D.Sc.	Professor of Ophthalmology, Emeritus
J. M. H. Rowland, M.D., D.Sc., LL.D.	Professor of Obstetrics, Emeritus; Dean, Emeritus
J. Dawson Reeder, M.D.	Professor of Proctology, Emeritus[5]
Henry J. Walton, M.D.	Professor of Roentgenology, Emeritus
Page Edmunds, M.D.	Professor of Traumatic Surgery, Emeritus
Ruth Lee Briscoe	Librarian, Emeritus
Albertus Cotton, M.A., M.D.	Professor of Orthopaedic Surgery, and Roentgenology, Emeritus
Joseph E. Gichner, M.D.	Professor of Clinical Medicine and Physical Therapeutics, Emeritus[5a]
Harvey G. Beck, M.D., D.Sc.	Professor of Clinical Medicine, Emeritus
Irving J. Spear, M.D.	Professor of Neurology, Emeritus
Carl L. Davis, M.D.	Professor of Anatomy, Emeritus
Arthur M. Shipley, M.D., D.Sc.	Professor of Surgery, Emeritus
Clyde A. Clapp, M.D.	Professor of Ophthalmology, Emeritus
Andrew C. Gillis, M.A., M.D., LL.D.	Professor of Neurology, Emeritus

FACULTY BOARD

Dean H. Boyd Wylie, *Chairman*
O. G. Harne, *Secretary*

William R. Amberson
Franklin B. Anderson
James G. Arnold, Jr.
Walter A. Baetjer
Charles Bagley, Jr.
J. Edmund Bradley
Otto C. Brantigan
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Thomas R. Chambers
Carl Dame Clarke
Paul W. Clough
Richard G. Coblentz
Beverley C. Compton
Charles N. Davidson
Louis H. Douglass
C. Reid Edwards
Monte Edwards
Frederick P. Ferguson
Frank H. J. Figge
Jacob E. Finesinger
A. H. Finkelstein
Leon Freedom
Edgar B. Friedenwald
Thomas K. Galvin
Moses Gellman
Frank W. Hachtel
Edward J. Herbst
Cyrus F. Horine
J. Mason Hundley, Jr.
Elliott H. Hutchins
Edward S. Johnson
F. L. Jennings
C. Loring Joslin
Walter L. Kilby
Edward A. Kitlowski
Vernon E. Krahl
John C. Krantz, Jr.
Louis A. M. Krause
Kenneth D. Legge
R. W. Locher
Edward A. Looper
William S. Love, Jr.
John F. Lutz
Stanley H. Macht
Charles W. Maxson
Zachariah Morgan
Theodore H. Morrison
Alfred T. Nelson
Emil Novak
Thomas R. O'Rourk
C. W. Peake
D. J. Pessagno
H. R. Peters
Maurice C. Pincoffs
J. Morris Reese
Charles A. Reifschneider
Dexter L. Reimann
Harry M. Robinson, Sr.
Harry L. Rogers

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[5] Died Nov. 18, 1948.

[5a] Died March 8, 1949.

Milton S. Sacks
Emil G. Schmidt
Andrew G. Smith
Dietrich C. Smith
R. Dale Smith
William H. Smith
Hugh R. Spencer
Thomas P. Sprunt
Edward Steers
W. Houston Toulson
Eduard Uhlenhuth
Henry F. Ullrich
Allen F. Voshell
John A. Wagner
Grant E. Ward
C. Gardner Warner
Huntington Williams
Walter D. Wise
Theodore E. Woodward
Thomas C. Wolff
Robert B. Wright
George H. Yeager
Waitman F. Zinn

EXECUTIVE COMMITTEE OF THE FACULTY

Dean H. Boyd Wylie, *Chairman*
O. G. Harne, *Secretary*

J. Edmund Bradley
T. Nelson Carey
Louis H. Douglass
Charles Reid Edwards
Jacob E. Finesinger
Frank W. Hachtel
J. Mason Hundley, Jr.
Emil G. Schmidt
Hugh R. Spencer

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.

William R. Amberson, Ph.D., Professor of Physiology, and Head of the Department.

Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.

Joseph C. Biddix, Jr., D.D.S., Professor of Oral Diagnosis, School of Dentistry.[2]

J. Edmund Bradley, M.D., Professor of Pediatrics, and Head of the Department.[2]

Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, and Professor of Clinical Surgery.

T. Nelson Carey, M.D., Professor of Clinical Medicine and Chairman of the Department of Medicine.

Ross McC. Chapman, M.D., Professor of Psychiatry.[5]

Richard G. Coblentz, M.A., M.D., Professor of Clinical Surgery.

Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.[2]

Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.

Louis H. Douglass, M.D., Professor of Obstetrics, and Head of the Department.

Charles Reid Edwards, M.D., Professor of Surgery, and Acting Head of the Department.

Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1948 to June 30, 1949 unless otherwise indicated. Changes are noted as follows:

[1] Appointments effective July 1, 1949.
[2] Promotion effective July 1, 1949.
[3] Resigned.
[4] Retired.
[5] Died Sept. 24, 1948.
[6] On leave.

Ray Ehrensberger, Ph.D., Professor of Speech, College of Arts and Sciences.[1]

Frank H. J. Figge, Ph.D., Professor of Anatomy.[6]

Jacob E. Finesinger, M.D., Professor of Psychiatry, and Head of the Department.[1b]

H. K. Fleck, M.D., Clinical Professor of Ophthalmology.[4]

Edgar B. Friedenwald, M.D., Professor of Clinical Pediatrics.

Thomas K. Galvin, M.D., Clinical Professor of Gynecology.

Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.

Andrew C. Gillis, M.A., M.D., LL.D., Professor of Neurology.[4a]

Frank W. Hachtel, M.D., Professor of Bacteriology, and Head of the Department.

Harry C. Hull, M.D., Professor of Clinical Surgery.

J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology, and Head of the Department.

Elliott H. Hutchins, M.A., M.D., Professor of Surgery.

F. L. Jennings, M.D., Professor of Clinical Surgery.

C. Loring Joslin, M.D., Professor of Pediatrics.

Walter L. Kilby, M.D., Professor of Roentgenology, and Head of the Department.

Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.

John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmocology, and Head of the Department.

Louis A. M. Krause, M.D., Professor of Clinical Medicine.

Kenneth D. Legge, M.D., Professor of Clinical Genito-Urinary Surgery.

G. Carroll Lockard, M.D., Professor of Clinical Medicine.[5]

Edward A. Looper, M.D., D.Oph., Professor of Rhinology and Laryngology.

Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.

Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.

Thomas R. O'Rourk, M.D., Clinical Professor of Otology, Associate Professor of Rhinology and Laryngology.

D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.

H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine.

Maurice C. Pincoffs, B.S., M.D., Professor of Medicine, and Head of the Department.

Kyrle W. Preis, D.D.S., Professor of Orthodontics, School of Dentistry.[1]

Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.

Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.

Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.

Harry M. Robinson, Sr., M.D., Professor of Dermatology.

Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry, and Head of the Department.

Dietrich Conrad Smith, Ph.D., Professor of Physiology.[2]

Hugh R. Spencer, M.D., Professor of Pathology, and Head of the Department.

Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.

W. Houston Toulson, M.Sc., M.D., Professor of Genito-Urinary Surgery.

Ralph P. Truitt, M.D., Professor of Clinical Psychiatry, and[1a] Chairman of the Department.[3]

Eduard Uhlenhuth, Ph.D., Professor of Anatomy, and Head of the Department.

[1a] Appointment effective Oct. 21, 1948.

[1b] Appointment effective May 10, 1949.

[1c] Appointment effective Sept. 1, 1949.

[3] Resignation effective July 1, 1949.

[4] Retired Oct. 2, 1948.

[5] Died August 7, 1949.

[6] On leave (part time) Feb. 1, to May 31, 1949.

Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
Walter D. Wise, M.D., Professor of Surgery.
George H. Yeager, B.S., M.D., Professor of Clinical Surgery.
Waitman F. Zinn, M.D., Clinical Professor of Rhinology and Laryngology.

ASSOCIATE PROFESSORS

Franklin B. Anderson, M.D., Associate Professor of Rhinology and Laryngology, and Otology.
Merle Ansberry, Ph.D., Associate Professor of Speech, College of Arts and Sciences.[1]
James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.
Walter A. Baetjer, A.B., M.D., Associate Professor of Medicine.
H. M. Bubert, M.D., Associate Professor of Medicine.
C. Jelleff Carr, Ph.D., Associate Professor of Pharmacology.
Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.
Carl Dame Clarke, Associate Professor of Art as Applied to Medicine.
Paul W. Clough, B.S., M.D., Associate Professor of Medicine.
Charles N. Davidson, M.D., Associate Professor of Roentgenology.
Ross Davies, M.D., Associate Professor of Hygiene and Public Health.
J. S. Eastland, M.D., Associate Professor of Medicine.
A. H. Finkelstein, M.D., Associate Professor of Pediatrics.
Leon Freedom, M.D., Associate Professor of Neurology, and Associate in Pathology.
Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.
Lewis P. Gundry, M.D., Associate Professor of Medicine.[2]
O. G. Harne, Associate Professor of Anatomy, and Asst. to the Dean.
Hugh H. Hicks, D.D.S., Associate Professor of Periodontology,[2] School of Dentistry.
Horace Hodes, M.D., Associate Professor of Hygiene and Public Health.
Cyrus F. Horine, M.D., Associate Professor of Surgery.
Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics.
Edward S. Johnson, M.D., Associate Professor of Surgery.
Vernon E. Krahl, B.S., M.S., Ph.D., Associate Professor of Anatomy.
Frederick T. Kyper, M.D., D.Sc., Associate Professor of Rhinology, Laryngology and Bronchoscopy. Instructor in Otology.[2]
R. W. Locher, M.D., Associate Professor of Clinical Surgery.
William S. Love, Jr., A.B., M.D., Associate Professor of Medicine.
Howard J. Maldeis, M.D., Associate Professor of Legal Medicine and Associate in Pathology.[5]
Charles W. Maxson, M.D., Associate Professor of Surgery.
Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.
Samuel Morrison, A.B., M.D., Associate Professor of Medicine[2], Associate Professor of Gastro-enterology.[1]
James W. Nelson, M.D., Associate Professor of Surgery.[2]
H. Whitman Newell, M.D., Associate Professor of Psychiatry.
Emil Novak, A.B., M.D., D.Sc., Associate Professor of Obstetrics.
C. W. Peake, M.D., Associate Professor of Surgery.
J. Morris Reese, M.D., Associate Professor of Obstetrics.
Dexter L. Reimann, B. S., M.D., Associate Professor of Pathology.[1]
Benjamin S. Rich, A.B., M.D., Associate Professor of Rhinology and Laryngology, Associate in Otology.

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[5] Died January 15, 1949.

Milton S. Sacks, M.D., Associate Professor of Medicine and Head of Clinical Pathology, Associate in Pathology.
Frederick B. Smith, M.D., Associate Clinical Professor of Pediatrics.
R. Dale Smith, Ph. D., Associate Professor of Anatomy.[2]
Edward Steers, Ph.D., Associate Professor of Bacteriology.[1]
Lewis C. Toomey, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.[1]
I. Ridgeway Trimble, M.D., Associate Professor of Surgery.[2]
William H. Smith, M.D., Associate Professor of Clinical Medicine.
Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
John A. Wagner, B.S., M.D., Associate Professor of Pathology.[2]
W. Wallace Walker, M.D., Associate Professor of Surgery and Surgical Anatomy.[2]
Grant E. Ward, A.B., M.D., Associate Professor of Surgery and Oral Surgery.
C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
Glenn S. Weiland, Ph.D., Associate Professor of Biochemistry.[3]
Thomas C. Wolff, M.D., Associate Professor of Medicine, and Head of Physical Diagnosis.
Theodore E. Woodward, M.D., Associate Professor of Medicine
Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
Donald J. Barnett, M.D., Assistant Professor of Roentgenology.[1]
H. F. Bongardt, M.D., Assistant Professor of Surgery.
Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
Beverley C. Compton, A.B., M.D., Assistant Professor of Gynecology.[2]
Ernest I. Cornbrooks, Jr., A.B., M.D., Assistant Professor of Gynecology.[2]
Edward F. Cotter, M.D., Assistant Professor of Medicine, Associate in Neurology.
J. G. N. Cushing, M.D., Assistant Professor of Psychiatry.
William K. Diehl, M.D., Assistant Professor of Gynecology.[2]
Everett S. Diggs, B.S., M.D., Assistant Professor of Gynecology.[2]
John S. Dumler, B.S., M.D., Assistant Professor of Gynecology.[2]
William W. Elgin, M.D., Assistant Professor of Psychiatry.
Francis A. Ellis, A.B., M.D., Assistant Professor of Dermatology.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
Frederick P. Ferguson, Ph.D., Assistant Professor of Physiology.[1]
Jerome Fineman, M.D., Assistant Professor of Pediatrics.[2]
Wetherbee Fort, M.D., Assistant Professor of Medicine.
Frank J. Geraghty, M.D., Assistant Professor of Medicine.
Francis W. Gillis, M.D., Assistant Professor of Genito-Urinary Surgery.
Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
Harry Goldsmith, M.D., Assistant Professor of Psychiatry.
Albert E. Goldstein, M.D., Assistant Professor of Pathology.
George Govatos, A.B., M.D., Assistant Professor of Surgery.[2]
Edward J. Herbst, Ph.D., Assistant Professor of Biological Chemistry.[1]
John F. Hogan, M.D., Assistant Professor of Genito-Urinary Surgery.[2]
Harry K. Iwamota, Ph.D., Assistant Professor of Pharmacology.
D. Frank Kaltreider, A.B., M.D., Assistant Professor of Obstetrics.[2]
Fayne A. Kayser, M.D., Assistant Professor of Rhinology and Laryngology.

F. Edwin Knowles, Jr., M.D., Assistant Professor of Ophthalmology and Chairman of the Department.[2]

H. Vernon Langeluttig, M.D., Assistant Professor of Medicine.

Philip L. Lerner, M.D., Assistant Professor of Neurology.

Hans W. Loewald, M.D., Assistant Professor of Psychiatry.

John F. Lutz, A.B., M.D., Assistant Professor of Anatomy.

Stanley H. Macht, B.S., M.D., Assistant Professor of Roentgenology.

Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Pathology.

W. Raymond McKinsey, M.D., Assistant Professor of Rhinology and Laryngology.[2]

Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.

Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.

George McLean, M.D., Assistant Professor of Medicine.

Alfred T. Nelson, M.D., Assistant Professor of Anesthesiology, and Chairman of the Department.

M. Alexander Novey, A.B., M.D., Assistant Professor of Obstetrics.[5]

Wilber O. Ramsey, D.D.S., Assistant Professor of Clinical Dental Prosthesis, School of Dentistry.[1]

I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.

William F. Rienhoff, M.D., Assistant Professor of Surgery.[2]

Harry M. Robinson, Jr., B.S., M.D., Assistant Professor of Dermatology, Associate in Medicine.

Irving Rothchild, Ph.D., Assistant Professor of Physiology.[2c]

John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.

Kathyrn L. Schultz, M.D., Assistant Professor of Psychiatry.[2]

Theodore A. Schwartz, M.D., Assistant Professor of Rhinology and Laryngology.[2]

William M. Seabold, M.D., Assistant Professor of Pediatrics.[2a]

William B. Settle, M.D., Assistant Professor of Surgical Anatomy[2] and Associate in Surgery.[1]

Isadore A. Siegel, A.B., M.D., Assistant Professor of Obstetrics.

Andrew G. Smith, Ph.D., Assistant Professor of Bacteriology.[2b]

Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.

Sol Smith, M.D., Assistant Professor of Medicine.

Philip S. Wagner, M.D., Assistant Professor of Psychiatry.

Gibson J. Wells, M.D., Assistant Professor of Pediatrics.[2]

Milton J. Wilder, M.D., Assistant Professor of Orthopedic Surgery.[2]

Asa D. Young, M.D., Assistant Professor of Roentgenology.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine.

Marie A. Andersch, Ph.D., Associate in Medicine.

Margaret B. Ballard, M.D., Associate in Obstetrics.

Eugene S. Bereston, A.B., M.D., Associate in Dermatology.

Kenneth B. Boyd, A.B., M.D., Associate in Gynecology and Assistant in Obstetrics.

[1a] Appointment effective November 1, 1948 to June 30, 1949.

[2a] Effective Oct. 15, 1948.

[2b] Appointment effective Feb. 1, 1950.

[2c] Appointment effective Nov. 1, 1948 to June 30, 1949.

[5] Died July 16, 1949.

V. V. Brunst, Sc.D., Research Associate in Anatomy.[1a]
Harold H. Burns, M.D., Associate in Surgery.[2]
M. Paul Byerly, M.D., Associate in Medicine.
Osborne D. Christensen, M.D., Associate in Obstetrics.[1]
W. A. H. Councill, M.D., Associate in Genito-Urinary Surgery.[5]
Kathryn Dice, Ed.D., Associate in Clinical Psychology.[1b]
Francis G. Dickey, M.D., Associate in Medicine.
D. McClelland Dixon, M.D., Associate in Obstetrics and Instructor in Pathology.
J. J. Erwin, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Genito-Urinary Surgery.
William L. Fearing, M.D., Associate in Neurology.
Samuel L. Fox, M.D., Associate in Rhinology, Laryngology and Otology.
Irving Freeman, M.D., Associate in Medicine.
William L. Garlick, A.B., M.D., Associate in Surgery.[2]
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine.
John T. Hibbitts, M.D., Associate in Gynecology.
Henry W. D. Holljes, M.D., Associate in Medicine.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Benjamin H. Isaacs, A.B., M.D., Associate in Rhinology and Laryngology.[2]
Meyer W. Jacobson, M.D., Associate in Medicine.
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
Hugh J. Jewett, M.D., Associate in Genito-Urinary Surgery.[2]
Arthur Karfgin, B.S., M.D., Associate in Medicine.
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Elizabeth LaForge, M.S.S., Associate in Psychiatric Social Work.[1b]
C. Edward Leach, M.D., Associate in Medicine.
Samuel Legum, M.D., Associate in Medicine.
Kurt Levy, M.D., Associate in Medicine.[2]
Ephraim T. Lisansky, M.D., Associate in Medicine.
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
Henry J. L. Marriott, M.A., B.M., Associate in Medicine.[2]
I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.
Karl F. Mech, B.S., M.D., Associate in Anatomy[2] and Instructor in Pathology.
Lyle J. Millan, M.D., Associate in Genito-Urinary Surgery.
Frank K. Morris, A.B., M.D., Associate in Gynecology.
Hugh B. McNally, B.S., M.D., Associate in Obstetrics.
S. Edwin Muller, M.D., Associate in Medicine.
Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.[2]
Robert A. Reiter, M.D., Associate in Medicine.
Samuel T. R. Revell, M.D., Associate in Medicine.
Henry L. Rigdon, M.D., Associate in Surgery and Surgical Anatomy.
R. C. V. Robinson, M.D., Associate in Dermatology.
Sidney Scherlis, M.D., Associate in Medicine.[1c]

[1a] Appointment effective Sept. 1, 1948.
[1b] Appointment effective Jan. 1, 1950.
[1c] Appointment effective Nov. 1, 1948.
[5] Died March 26, 1949.

William M. Seabold, A.B., M.D., Associate in Pediatrics.
Lawrence M. Serra, M.D., Associate in Medicine.
A. Albert Shapiro, B.S., M.D., Associate in Dermatology.
Arthur G. Siwinski, A.B., M.D., Associate in Surgery.
Benedict Skitarelic, A.B., M.D., Associate in Pathology.
Harry A. Teitlebaum, B.S., M.D., Ph.D., Associate in Neurology.
Isadore Tuerk, M.D., Associate in Psychiatry.
William K. Waller, M.D., Associate in Medicine.
Austin H. Wood, M.D., Associate in Genito-Urinary Surgery.
Israel Zeligman, A.B., M.D., Associate in Dermatology.

LECTURERS

Jonas Friedenwald, M.A., M.D., Lecturer in Ophthalmic Pathology.
Amedeo S. Marrazzi, M.D., Lecturer in Pharmacology.[1a]
Joseph M. Miller, M.D., Lecturer in Surgery.
William H. Summerson, Ph.D., Lecturer in Biological Chemistry.

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
Leon Ashman, M.D., Instructor in Medicine.
Charles P. Barnett, A.B., M.D., Instructor in Pathology.[1]
Edmund G. Beacham, M.D., Instructor in Medicine.
Harry McB. Beck, M.D., Instructor in Gynecology.[2]
Robert Z. Berry, A.B., M.D., Instructor in Rhinology and Laryngology.[2]
John Z. Bowers, B.S., M.D., Instructor in Medicine.
Harry C. Bowie, B.S., M.D., Instructor in Surgery and Surgical Anatomy.
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
George H. Brouillet, B.S., M.D., Instructor in Surgery.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
J. E. Brumback, Jr., B.S., M.D., Instructor in Ophthalmology.[2]
Samuel H. Bryant, A.B., D.D.S., Instructor in Oral Diagnosis, School of Dentistry.
William J. Bryson, A.B., M.D., Instructor in Pathology.
Lucile J. Caldwell, M.D., Instructor in Dermatology.
Joseph P. Cappuccio, D.D.S., Instructor in Oral Surgery, School of Dentistry.[1]
Thomas A. Christensen, A.B., M.D., Instructor in Pediatrics.[1b]
Richard J. Colfer, B.S., M.D., Instructor in Pathology
Joseph M. Cordi, M.D., Instructor in Pediatrics.
Stuart G. Coughlan, B.S., M.D., Instructor in Surgery.
Richard J. Cross, B.S., M.D., Instructor in Ophthalmology.[1]
Raymond M. Cunningham, A.B., M.D., Instructor in Proctology[2] and Assistant in Surgery.
John R. Davis, M.D., Instructor in Medicine.
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
William A. Dodd, M.D., Instructor in Gynecology.[2]
Charles H. Doeller, Jr., A.B., M.D., Instructor in Gynecology,[2] and Assistant in Obstetrics.
William C. Duffy, A.B., M.D., Instructor in Gynecology.[2]

[1a] Appointment effective April 1, 1949.
[1b] Appointment effective July 1, 1948 to June 30, 1949.

Martha C. Eaton, A.B., Sc.M., Instructor in Hygiene and Public Health.[3a]
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
Donald E. Fisher, M.D., Instructor in Pathology.[2]
Philip D. Flynn, M.D., Instructor in Medicine.
Paul N. Friedman, A.B., M.D., Instructor in Ophthalmology.
Gerald A. Galvin, M.D., Instructor in Gynecology.[1a]
L. Calvin Gareis, B.S., M.D., Instructor in Pathology.[1]
Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.
Russell Gigliotti, D.D.S., Instructor in Oral Diagnosis School of Dentistry.
H. L. Granoff, A.B., M.D., Instructor in Gynecology.[2]
John S. Haines, M.D., Instructor in Genito-Urinary Surgery.[2]
Samuel J. Hankin, M.D. Instructor in Medicine.
Alvin J. Hartz, A.B., M.D., Instructor in Medicine.
Mary L. Hayleck, M.D., Instructor in Pediatrics.
Robert F. Healy, M.D., Instructor in Surgery.
Donald B. Hebb, M.D., Instructor in Proctology[2] and Assistant in Surgery.
William G. Helfrich, B.S., M.D., Instructor in Medicine.
Benjamin Highstein, M.D., Instructor in Dermatology.
Mark B. Hollander, A.B., M.D., Instructor in Dermatology and Syphilology.
Calvin Hyman, M.D., Instructor in Surgery.
Conrad L. Inman, D.D.S., Instructor in Anesthesiology, School of Dentistry.[1]
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
Harry F. Kane, M.D., Instructor in Gynecology.[2]
Theodore Kardash, B.S., M.D., Instructor in Gynecology[2] and Pathology.[1]
Clyde F. Karns, B.S., M.D., Instructor in Surgery.
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
Louis J. Kroll, A.B., M.D., Instructor in Medicine.
Arnold F. Lavenstein, Instructor in Pediatrics.
F. Ford Loker, B.S., M.D., Instructor in Surgery.[2]
Helen I. Maginnis, M.D., Instructor in Gynecology.[2]
Charles B. Marek, M.D., Instructor in Gynecology.[2]
Joseph H. Marshall, M.D., Instructor in Psychiatry.
D. J. McHenry, B.S., M.D., Instructor in Ophthalmology.[2]
Margaret E. Mellott, B.S., Instructor in Biochemistry.[1]
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
J. Duer Moores, B.S., M.D., Instructor in Surgery.
J. Huff Morrison, M.D., Instructor in Obstetrics.
S. Edwin Muller, M.D., Instructor in Medicine.
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
Francis J. McLaughlin, M.D., Instructor in Psychiatry.
Samuel Novey, M.D., Instructor in Psychiatry.
M. Paul Padget, M.D., Instructor in Medicine.
Richard H. Pembroke, Jr., A.B., M.D., Instructor in Psychiatry.
Patrick C. Phelan, Jr., Instructor in Surgery.[2]
Ross Z. Pierpont, M.D., Instructor in Surgical Anatomy.
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.

[1a] Appointment effective Oct. 1, 1948, to June 30, 1949.
[3a] Resigned December 23, 1948.

Phoebe Rich, M.S.S., Instructor in Psychiatric Social Work.[1a]
Daniel R. Robinson, M.D., Instructor in Surgery.
Seymour W. Rubin, M.D., Instructor in Pathology.
William J. Rysanek, Jr., M.D., Instructor in Gynecology.[2]
Clarence P. Scarborough, M.D., Instructor in Surgery.
John F. Schaefer, B.S., M.D., Instructor in Surgery.
Joseph C. Sheehan, B.S., M.D., Instructor in Gynecology.[2]
Robert C. Sheppard, M.D., Instructor in Surgery.
E. Roderick Shipley, A.B., M.D., Instructor in Surgery.[2]
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
Ruby A. Smith, B.S., M.D., Instructor in Ophthalmology.
Melchijah Spragins, B.S., M.D., Instructor in Pediatrics.[1b]
Edwin H. Stewart, Jr., M.D., Instructor in Surgery.[2]
Cleo D. Stiles, M.D., instructor in Ophthalmology.
William T. Supik, M.D., Insrtuctor in Proctology.[2]
David Tenner, M.D., Instructor in Medicine.
Raymond K. Thompson, B.S., M.D., Instructor and Director of Research in Neurological Surgery.[2]
Wilfred H. Townshend, Jr., A.B., M.D., Instructor in Medicine.
Robert B. Tunney, A.B., M.D., Instructor in Gynecology.[2]
William D. VandeGrift, M.D., Instructor in Pathology.
Harold L. Vyner, M.D., Instructor in Psychiatry.
Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.
Daniel Wilfson, Jr., A.B., M.D., Instructor in Medicine.

ASSISTANTS

A. Maynard Bacon, Jr., B.S., M.D., Assistant in Pediatrics.[1]
Ernest E. Banfield, Jr., A.B., M.D., Assistant in Surgery.[1c]
Jane L. Bleakley, Assistant in Art as Applied to Medicine.[1]
Ross C. Brooks, M.D., Assistant in Rhinology and Laryngology.[1]
Frances C. Brown, A.B., Assistant in Physiology.
Joseph G. Bird, A.B., M.D., Assistant in Pharmacology.
A. V. Buchness, A.B., M.D., Assistant in Surgery.
John W. Chambers, M.D., Assistant in Surgery, and Neurological Surgery.
L. T. Chance, M.D., Assistant in Surgery.
Jerome Cohn, M.D., Assistant in Medicine.
Jonas Cohen, M.D., Assistant in Medicine.
Morris M. Cohen, M.D., Assistant in Dermatology.
Sara Cook, M.D., Assistant in Post Graduate Medicine.[1d]
Donald D. Cooper, M.D., Assistant in Pediatrics.
Samuel H. Culver, M.D., Assistant in Surgery.
E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.
George H. Davis, M.D., Assistant in Obstetrics.
John B. DeHoff, M.D., Assistant in Medicine.
Michael L. DeVincentis, B.S., M.D., Assistant in Surgery.[2]
William C. Dunnigan, A.B., M.D., Assistant in Surgery.

[1a] Appointment effective Jan. 1, 1950.
[1b] Appointment effective September 24, 1948.
[1c] Appointment effective January 1, 1949.
[1d] Appointment effective September 9, 1949.

Morris A. Fine, M.D., Assistant in Medicine and Genito-Urinary Surgery.
Audrey M. Funk, A.B., Assistant in Medicine.
William H. Fusting, M.D., Assistant in Medicine.
L. Calvin Gareis, B.S., M.D., Assistant in Obstetrics.
William R. Geraghty, B.S., M.D., Assistant in Surgery.
Louis F. Goodman, M.D., Assistant in Surgery.[1]
Richard D. Grill, Assistant in Art as Applied to Medicine.
Joseph B. Gross, B.S., M.D., Assistant in Medicine.
Charles W. Hawkins, M.D., Assistant in Genito-Urinary Surgery.[1]
L. Ann Hellen, B.S., Assistant in Medicine.
Sylvia Himmelfarb, A.B., Assistant in Physiology.
John H. Hirschfeld, M.A., Assistant in Laryngology and Medicine.[1a]
William A. Holbrook, Jr., M.D., Assistant in Medicine.[1b]
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
Rollin C. Hudson, M.D., Assistant in Medicine.
Robert W. Johnson, III, A.B., M.D., Assistant in Plastic Surgery.[1c]
James R. Karns, B.S., M.D., Assistant in Medicine, and Physician in charge of Medical care of Students.
Schuyler G. Kohn, B.S., M.D., Assistant in Obstetrics.
Alfred S. Lederman, Assistant in Gastro-Enterology.
Frank E. Leslie, A.B., M.D., Assistant in Medicine.
Lorman L. Levinson, A.B., M.D., Assistant in Obstetrics.[1e]
V. Harwood Link, A.B., M.D., Assistant in Dermatology.
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
Howard B. McElwain, M.D., Assistant in Surgery.
John C. Osborne, M.D., Assistant in Medicine.
Frank J. Otanasek, M.D., Assistant in Neurological Surgery.
Ross Z. Pierpont, M.D., Assistant in Surgery.[1]
Susan R. Pincoffs, R.N., Assistant in Medicine.[1]
Hazel Y. Pruitt, Assistant in Bacteriology.
Frederick M. Reese, A.B., M.D., Assistant in Ophthalmology.
William F. Renner, M.D., Assistant in Medicine.[1d]
James Russo, M.D., Assistant in Anaesthesiology.
J. King B. E. Seegar, Jr., A.B., M.D., Assistant in Obstetrics.
Jerome Sherman, M.D., Assistant in Medicine.[1c]
E. Roderick Shipley, A.B., M.D., Assistant in Surgery.
Elizabeth Smith, M.S.S., Assistant in Psychiatric Social Work.[1f]
Samuel Snyder, M.D., Assistant in Medicine.
O. Walter Spurrier, M.D., Assistant in Pediatrics.
Carl Christian Stein, Assistant in Art as Applied to Medicine.[1]
Stuart D. Sunday, M.D., Assistant in Medicine.
Adam Swiss, M.D., Assistant in Medicine.
T. J. Touhey, M.D., Assistant in Surgery.
Stephen J. Van Lill, III, A.B., M.D., Assistant in Medicine.
William Earl Weeks, M.D., Assistant in Pediatrics.

[1a] Appointment effective Oct. 7, 1948.
[1b] Appointment effective Sept. 13, 1948 to June 30, 1949.
[1c] Appointment effective Sept. 1, 1948.
[1d] Appointment effective Jan. 24, to May 28, 1949.
[1e] Appointment effective June 1, 1949.
[1f] Appointment effective Jan. 1, 1950.

J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
Marcella Wiseman, M.S.S., Assistant in Psychiatric Social Work.[1k]
Thomas L. Worsley, M.D., Assistant in Medicine.
Howard L. Zupnik, M.D., Assistant in Surgery.

FELLOWS

Phillip R. Apffel, M.D., Fellow in Psychiatry.[1a]
Ruth W. Baldwin, A.B., M.D., Fellow in Pediatrics.[1b]
Frederick K. Bell, Ph.D., U. S. Pharmacopoeia Fellow.
Harold P. Biehl, National Cancer Research Trainee.[1]
Joseph G. Bird, A.B., M.D., Fellow in Pharmacology.
George W. Bradford, M.D., Baltimore Rh Laboratory, Fellow in Medicine.[3]
Raymond M. Burgison, M.S., Fellow in Pharmacology.[1i]
Robert G. Chambers, M.D., National Cancer Research Trainee.
Russell Lee Christopher, Weaver Fellow in Anatomy.[1e]
Sarah Cook, M.D., Fellow in Pediatrics.[1b]
Robert M. N. Crosby, M.D., Hitchcock Fellow in Neurological Surgery.[1]
John M. Dennis, B.S., M.D., Fellow in Roentgenology.
Mary S. Fassel, A.B., Emerson Fellow in Pharmacology.[1h]
Joseph A. Guilbeau, Jr., M.D., Baltimore Rh Laboratory Fellow in Obstetrics[3]
John B. Harman, B.S., Emerson Fellow in Pharmacology.[1h]
Dorothy H. Hubbard, Weaver Fellow in Biological Chemistry.[1]
Dewitt T. Hunter, Weaver Fellow in Anatomy.[1e]
Frederick Go-Kiatsu, B.S., M.D., Fellow in Pediatrics.[1b]
Raymond F. Kline, B.S., M.S., Porter Fellow in Physiology.
Chi Chan Ling, Ph.C., M.S., Ohio Chemical Co. Fellow in Pharmacology.[1h]
William E. Loechel, Fellow in Anatomy.[1j]
Arlie R. Mansberger, Jr., M.D., Research Fellow in Surgery.[1b]
Marion A. Marfy, M.A., Fellow in Clinical Psychology.[1a]
Suzanne Mohler, B.S., Fellow in Psychiatry.[1a]
J. Pomeroy Nichols, M.D., Hoffberger Fellow in Neurological Surgery.[1]
John C. Ozazewski, M.D., Fellow in Neuro-Surgery.[1d]
John W. Pence, Fellow in Pharmacology.[1f, 3b]
Aaron Podolnick, B.S., M.D., Fellow in Psychiatry.
Ruth Rabinovitch, A.B., M.D., Fellow in Psychiatry.[1a]
C. L. Spurling, M.D., Baltimore Rh Laboratory Fellow in Medicine.[1]
Wm. Stark, M.D., Fellow in Psychiatry.[1a]
Edward B. Truitt, B.S., Markle Fellow in Pharmacology.
Robert T. Walker, M.D., Fellow in Medicine.[1]
Geraldine F. Wolfe, B.S., U.S.P.H. Fellow in Anatomy.[1]

[1a] Appointment effective September 16, 1948.
[1b] Appointment effective July 1, 1949 to June 30, 1950.
[1d] Appointment effective January 1, 1949 to June 30, 1949.
[1e] Appointment effective June 1, to August 31, 1949.
[1f] Appointment effective October 1, 1948 to July 31, 1949.
[1g] Appointment effective October 1, 1948 to September 30, 1949.
[1h] Appointment effective September 1, 1949 to August 31, 1950
[1i] Appointment effective October 1, 1949 to September 30, 1950.
[1j] Appointment effective July 1, to Aug. 31, 1949.
[1k] Appointment effective Jan. 1, 1950.
[3b] Resigned June 30, 1949.

RESEARCH ASSISTANTS

Jane F. Beardsley, B.S., Research Assistant in Biological Chemistry.[1c]
Norma F. McElvain, Research Assistant in Biological Chemistry.[3a]

EXTRAMURAL ASSISTANT RESIDENTS IN MEDICINE

John F. Benson, M.D., Assistant Resident in Medicine.[1]
Howard E. Hall, M.D., Assistant Resident in Medicine.[1]
William Roemmich, M.D., Assistant Resident in Medicine.[1d]
Sidney J. Venable, M.D., Assistant Resident in Medicine.[1]

UNIVERSITY HOSPITAL

EXECUTIVE COMMITTEE OF THE STAFF

John E. Savage, *Chairman*
Theodore E. Woodward, *Secretary*

Charles Reid Edwards
T. Nelson Carey
J. Mason Hundley, Jr.
Louis H. Douglass
Walter L. Kilby
Alfred T. Nelson
Milton S. Sacks
J. Edmund Bradley
George H. Yeager
F. Edwin Knowles

Elected Members	*Term Expires*
Ephraim T. Lisansky	1949
A. H. Finkelstein	1949
Howard B. Mays	1949
Harry C. Hull	1949
Samuel T. H. Revell, Jr.	1950
Henry F. Ullrich	1950

Maurice C. Pincoffs, *Assistant to the President* H. Boyd Wylie, *Dean* George H. Buck, *Director of the University Hospital*	*Ex officio members*

UNIVERSITY HOSPITAL STAFF

George H. Buck, *Director*

Physicians-in-Chief	Maurice C. Pincoffs T. Nelson Carey
Physicians	Thomas P. Sprunt Louis A. M. Krause Williams S. Love, Jr.
Gastro-Enterologist	Francis Dickey Samuel Morrison

[1c] Appointment effective September 1, 1949 to June 30, 1950.
[1d] Appointment effective Jan. 1, 1949 to June 30, 1949.
[3a] Resigned, February 1, 1949.

Neurologists	IRVING J. SPEAR[4] LEON FREEDOM WILLIAM FEARING EDWARD F. COTTER
Psychiatrist-in-Chief	JACOB E. FINESINGER
Psychiatrists	RALPH P. TRUITT H. WHITMAN NEWELL
Pediatrician-in-Chief	J. EDMUND BRADLEY
Pediatricians	C. LORING JOSLIN ALBERT JAFFE A. H. FINKELSTEIN WILLIAM M. SEABOLD
Dermatologist-in-Chief	HARRY M. ROBINSON, SR.
Dermatologists	FRANCIS A. ELLIS HARRY M. ROBINSON, JR.
Pathologist-in-Chief	HUGH R. SPENCER
Pathologists	DEXTER L. REIMANN JOHN A. WAGNER
Surgeon-in-Chief	CHARLES REID EDWARDS
Surgeons	GEORGE H. YEAGER OTTO C. BRANTIGAN CHARLES A. REIFSCHNEIDER HARRY C. HULL
Neurological Surgeon-in-Chief	CHARLES BAGLEY, JR.
Neurological Surgeons	RICHARD G. COBLENTZ JAMES G. ARNOLD, JR.
Laryngologist-in-Chief	EDWARD A. LOOPER
Laryngologists	FRANKLIN B. ANDERSON THOMAS R. O'ROURK
Proctologist-in-Chief	MONTE EDWARDS
Proctologist	THURSTON R. ADAMS
Orthopedic Surgeon-in-Chief	ALLEN F. VOSHELL
Orthopedic Surgeons	MOSES GELLMAN HENRY F. ULLRICH MILTON J. WILDER
Genito-Urinary Surgeon-in-Chief	W. HOUSTON TOULSON
Genito-Urinary Surgeons	LYLE J. MILAN HOWARD B. MAYS
Dental Surgeon-in-Chief	BRICE M. DORSEY

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[4] Retired.

Dentists	Myron S. Aisenberg Joseph C. Biddix Samuel H. Bryant Joseph P. Cappuccio Edward C. Dobbs Grayson W. Gaver Russell Gigliotti Hugh T. Hicks Conrad L. Inman Ernest B. Nuttall Kenneth V. Randolph Wilbur O. Ramsey Lewis C. Toomey
Roentgenologist-in-Chief	Walter L. Kilby
Roentgenologists	Charles N. Davidson Donald J. Barnett
Bronchoscopist-in-Chief	Edward A. Looper
Bronchoscopists	Frederick T. Kyper John H. Hirschfeld
Otologist-in-Chief	Thomas R. O'Rourk
Anesthesiologist-in-Chief	Alfred T. Nelson
Obstetrician-in-Chief	Louis H. Douglass
Obstetricians	J. Morris Reese Isadore A. Siegel John E. Savage Hugh B. McNally
Ophthalmologist-in-Chief	F. Edwin Knowles, Jr.
Gynecologist-in-Chief	J. Mason Hundley, Jr.
Gynecologists	Leo Brady Beverly C. Compton John C. Dumler William K. Diehl Everett S. Diggs Ernest I. Cornbrooks, Jr.
Oncologist-in-Chief	Grant E. Ward
Oncologist	J. Mason Hundley, Jr.
Physical Therapist	Grace E. Shaw

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1949 to June 30, 1950

José A. Alvarez, B.S., M.D., *Assistant Resident in Neurosurgery*
Robert C. Arrants, B.A., M.D., *Assistant Resident in Obstetrics*
Joseph W. Baggett, A.B., M.D., *Assistant Resident in Gynecology*
Thomas G. Barnes, A.B., M.D., *Assistant Resident in Surgery*
Robert E. Bauer, A.B., M.D., *Resident in Medicine*
Raymond G. Berggreen, A.B., M.D., *Assistant Resident in Pediatrics*
Frank J. Brady, B.S., M.D., *Resident in Anesthesiology*

Frank E. Brumback, M.D., *Assistant Resident in Surgery*
Robert E. Cato, A.B., M.D., *Assistant Resident in Roentgenology*[1]
Rowell, C. Cloninger, A.B., M.D., *Assistant Resident in Surgery*
William C. Covey, M.D., *Assistant Resident in Obstetrics (assigned to Gynecology)*
Garrett, E. Deane, A.B., M.D., *Assistant Resident in Pediatrics*
John M. Dennis, B.S., M.D., *Fellow in Roentgenology*
John E. Evans, Jr., B.S., M.D., *Assistant Resident in Surgery*
Joseph B. Ganey, A.B., M.D., *Assistant Resident in Surgery*
Richard A. Gilbert, M.D., *Assistant Resident in Gynecology*
Benjamin M. Gold, B.S., M.D., *Assistant Resident in Obstetrics*
David B. Gray, B.S., M.D., *Assistant Resident in Surgery*
F. Robert Haase, B.S., M.D., *Resident in Otorhinolaryngology and Ophthalmology*
Robert C. Hagan, B.S., M.D., *Assistant Resident in Medicine*
Robert R. Hahn, M.D., *Assistant Resident in Medicine*
Charles W. Hawkins, M.D., *Resident in Urology*
John A. Hightower, M.D., *Assistant Resident in Medicine*
Mark E. Holt, Jr., B.S., M.D., *Assistant Resident in Medicine*
Richard D. Hoover, B.S., M.D., *Assistant Resident in Surgery*
Ann Howard, B.S., M.D., *Assistant Resident in Pediatrics*
Jerome Imburg, B.S., M.D., *Assistant Resident in Pediatrics*
Blackburn S. Joslin, M.D., *Resident in Pediatrics*
H. James Lambert, B.S., M.D., *Assistant Resident in Surgery*
William D. Lynn, A.B., M.D., *Resident in Surgery*
Eugene R. McNinch, *M.D., Assistant Resident in Roentgenology*
James R. McNinch, Jr., A.B., M.D., *Assistant Resident in Surgery*
Louis Manganiello, A.B., M.D., *Resident in Neurosurgery*
Gerald A. Martin, B.S., M.D., *Assistant Resident in Medicine*
James V. Minor, Jr., A.B., M.D., *Assistant Resident in Pediatrics*
John C. Ozazewski, M.D., *Resident in Ophthalmology*
S. Malone Parham, A.B., M.D., *Assistant Resident in Obstetrics*
W. Stuart Patterson, M.D., *Assistant Resident in Obstetrics*
Benson C. Schwartz, M.D., *Intern in Obstetrics*
James H. Shell, B.S., M.D., *Assistant Resident in Gynecology*
George W. Smith, M.D., *Assistant Resident in Neurological Surgery—Assigned to Baltimore City Hospitals.*
F. X. Paul Tinker, B.S., M.D., *Resident in Gynecology*
John P. White, III, M.D., *Assistant Resident in Surgery*
David R. Will, M.D., *Assistant Resident in Surgery*
James R. Winterringer, B.S., M.D., *Resident in Obstetrics*
Isaac C. Wright, B.S., M.D., *Assistant Resident in Medicine*[2]
Latimer G. Young, A.B., M.D., *Assistant Resident in Pediatrics*

SENIOR INTERNS

David Auld, A.B., M.D.
James M. Bisanar, M.D.
John R. Hankins, B.A., M.D.
Frederick J. Heldrich, Jr., M.D.
William J. Holloway, M.D.
H. Patterson Mack, M.D.
Nicholas Mallis, M.D.
Fred R. McCrumb, M.D.
William A. Niermann, M.D.
Kyle L. Swisher, Jr., M.D.
Frank J. Theuerkauf, Jr., M.D.

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[1] Until October 31, 1949.
[2] Until September 30, 1949.

JUNIOR INTERNS

Robert A. Abraham, B.S., M.D.
Leonard Bachman, B.S., M.D.
Edward J. Broaddus, M.D.
Charles T. Henderson, M.D.
Arthur F. Hoge, Jr., B.S., M.D.
Edwin M. Hubbard, M.D.
Edmund B. Middleton, M.D.
Herbert K. Speers, M.D.
John W. Stover, M.D.
John F. Strahan, M.D.

DENTAL INTERN

Pedro H. Hernandez-Paralitici, D.D.S.

UNIVERSITY HOSPITAL DISPENSARY STAFF

Emma Winship, R.N.
Dispensary Director

DISPENSARY COMMITTEE

George H. Yeager, *Chairman*
Emma Winship, R.N., *Secretary*

Allen Fiske Voshell
Beverley C. Compton
A. H. Finkelstein
Lewis P. Gundry
Howard B. Mays
J. Huff Morrison

Chief of Medical Clinic	————
Physicians	T. Nelson Carey Milton S. Sacks Frank J. Geraghty Edward F. Cotter Irving Freeman M. Paul Byerly William K. Waller E. T. Lisansky Walter Karfgin Kurt Levy Joseph E. Muse, Jr. Samuel J. Hankin Morris Fine James R. Karns John B. DeHoff Charles H. Williams Jonas Cohen Stephen Van Lill, III
Chief of Gastro-Enterology Clinic	Francis G. Dickey
Assistant Gastro-Enterologist	Z. Vance Hooper Albert J. Shochat
Chief of Neurology Clinic	Leon Freedom

Assistant Neurologists	William L. Fearing Harry A. Teitelbaum
Chief of Psychiatric Clinic	Ralph P. Truitt
Clinic Director	H. Whitman Newell
Assistant Psychiatrists	Hans W. Leowald Kathryn L. Schultz Richard Pembroke
Chief of Chest Clinic	Meyer D. Jacobson
Assistant, Diseases of the Lungs	Manuel Levin
Chief of Diabetic Clinic	Samuel T. R. Revell
Chief of Cardiovascular Clinic	C. Edward Leach
Assistant Cardiologists	Wilfred H. Townshend Rollin C. Hudson Sidney Scherlis Stephen J. Van Lill, III Fred B. Agee, Jr. James J. Nolan
Chief of Allergy Clinic	Jerome Sherman
Assistant Allergists	Edward S. Kallins J. Carlton Wich Irvin Bernard Kemick
Allergy Clinic Technicians	Selma R. Goldsmith Shirley W. Correl
Director, Pediatric Clinic	A. H. Finkelstein
Chief of Pediatric Clinic	Samuel S. Glick
Assistant Pediatricians	Louis V. Blum Arnold F. Lavenstein Thomas E. Weeks J. Carlton Wich Howard Goodman Melvin N. Borden Lester Caplan Ruth B. Baldwin
Director, Pediatric Cardiac Clinic	Sidney Scherlis
Assistant Director, Pediatric Cardiac Clinic	Gibson J. Wells
Chief of Endocrinology Clinic	Conrad B. Acton
Assistant in Endocrinology Clinic	Daniel E. Bogorad
Chief of Surgical Clinic	Robert C. Sheppard
Assistant Surgeons	E. Roderick Shipley Samuel E. Proctor William B. Settle Karl F. Mech

Chief of Plastic Surgery	Edward A. Kitlowski
Professor of Speech	Ray Ehrensberger, Ph.D.
Associate Professor of Speech, University of Maryland at College Park	Merle Ansberry, Ph.D.
Chief of Orthopedic Surgery Clinic	Allen Fiske Voshell
Assistant Orthopedic Surgeons	Moses Gellman Henry F. Ullrich Milton J. Wilder James P. Miller Robert P. Abrams A. Wesley Johnson Francis Soholt
Chief of Genito-Urinary Clinic	W. Houston Toulson
Assistant Genito-Urinary Surgeons	John F. Hogan Lyle J. Millan Morris A. Fine Howard B. Mays
Director of Dermatology and Syphilis Clinic	Harry M. Robinson, Sr.
Chief of Dermatology and Syphilis Clinic	Harry M. Robinson, Jr.
Dermatologists and Syphilologists	Francis A. Ellis Israel Zeligman A. Albert Shapiro R. C. V. Robinson Eugene S. Bereston
Assistant Dermatologists and Syphilologists	Benjamin Highstein Lucile Caldwell V. Harwood Link Morris M. Cohen Mark B. Hollander Alfred H. Dann
Chief of Rhinology and Laryngology Clinic	Benjamin S. Rich
Assistant Rhinologists and Laryngologists	Thomas R. O'Rourk Samuel L. Fox Albert Steiner Richard J. Cross Ross C. Brooks
Chief of Proctology Clinic	Monte Edwards
Assistant Proctologists	Thurston R. Adams Donald B. Hebb William J. Supik Raymond Cunningham
Chief of Gynecology Clinic	J. Mason Hundley, Jr.
Assistant Chief of Gynecology Clinic	Beverly C. Compton

Assistant Gynecologists	John C. Dumler William K. Diehl Everett S. Diggs Ernest I. Cornbrooks, Jr. John T. Hibbitts Kenneth B. Boyd W. Allen Deckert Helen I. Maginnis Charles B. Marek Stuart Rizika Theodore Kardash
Female Cystoscopists	J. Mason Hundley, Jr. Beverly C. Compton William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs
Chief of Dental Clinic	Brice M. Dorsey
Assistant Chief of Dental Clinic	Lewis C. Toomey
Assistant Dentists	William O. Ramsey Russell Gigliotti Samuel H. Bryant Edward C. Dobbs Joseph P. Cappuccio
Chief of Obstetrical Clinic	J. Huff Morrison
Assistant Chief of Obstetrical Clinic	Margaret B. Ballard
Assistant Obstetricians	John E. Savage Kenneth B. Boyd W. Kenneth Mansfield L. Calvin Gareis J. K. B. E. Seegar Charles H. Doeller, Jr. George H. Davis Schuyler G. Kohn Theodore Kardash Lorman L. Levinson
Chief of Oncology Clinic, Gynecological Division	J. Mason Hundley, Jr.
Assistants in Gynecological Division	John C. Dumler William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs
Chief of Oncology Clinic, Surgical Division	Grant E. Ward
Assistants in Surgical Division	Arthur G. Siwinski E. Eugene Covington J. Duer Moores Edwin H. Stewart, Jr. Louis E. Goodman

Chief of Vascular Clinic	George H. Yeager
Assistant Chief of Vascular Clinic	Raymond Cunningham
Medical Consultant—Vascular Clinic	Lewis P. Gundry
Chief of Ophthalmology Clinic	F. Edwin Knowles, Jr.
Assistant Ophthalmologists	Paul N. Friedman Cleo D. Stiles Ruby A. Smith Frederick M. Reese D. J. McHenry J. E. Bromback, Jr. Richard J. Cross
Occupational Therapist	Miss Lora E. Dunetz
Directress, Social Service	Miss Mary Fitzpatrick

MEDICAL CARE CLINIC

Director	Henry W. D. Holljes
Assistant Director	Susan R. Pincoffs

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the third floor of the Dispensary Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately eighty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

5,550 public assistance clients have been assigned to this Clinic.

DISPENSARY REPORT FOR YEAR BEGINNING JULY 1, 1947 AND ENDING JUNE 30, 1948

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	171	4,916	5,087
Cardiology	112	1,379	1,491
Cystoscopy	87	618	705
Dermatology	11,435	12,560	23,995
Diabetic	68	873	941
Ear, Nose and Throat	1,112	2,244	3,356
Endocrine	60	230	290
Eye	972	2,924	3,896
Gastro-Intestinal	157	840	997
Genito-Urinary	373	970	1,343
Gynecology	1,624	5,931	7,555
Hematology	7	127	134
Medicine	2,347	5,468	7,815
Neurology	178	609	787
Neuro-Surgery	235	435	670
Obstetrics	1,917	16,032	17,949
Occupational Therapy	117	1,324	1,441
Oncology	204	1,319	1,523
Oral Surgery	624	1,125	1,749
Orthopedic	1,440	3,915	5,355
Pediatric	2,003	6,523	8,526
Physiotherapy	108	706	814
Plastic Surgery	27	31	58
Proctology	146	307	453
Psychiatry	382	486	868
Surgery	3,288	8,252	11,540
Tuberculosis	127	730	857
Vascular	112	597	709
Total	29,433	81,471	110,904

MERCY HOSPITAL

BOARD OF GOVERNORS

Walter D. Wise, *Chairman*

Mother M. Bernadette
Sister M. Veronica
Sister M. Carmel
Sister M. Cornelia
Sister M. Vincent
Sister M. Joseph

Henry F. Bongardt
H. Raymond Peters
Maurice C. Pincoffs
Waitman F. Zinn
Thomas K. Galvin
Edward P. Smith

Elliott H. Hutchins
President of Visiting Staff

MERCY HOSPITAL STAFF

Surgeon-in-Chief	Walter D. Wise
Surgeons	Elliott H. Hutchins F. L. Jennings R. W. Locher Thomas R. Chambers D. J. Pessagno William F. Rienhoff Henry F. Bongardt
Neurological Surgeons	Charles Bagley, Jr. Richard B. Coblentz James D. Arnold, Jr. Frank J. Otenasek John W. Chambers Raymond K. Thompson
Associate Surgeons	I. O. Ridgely James W. Nelson Howard B. McElwain Simon H. Brager John A. O'Connor Charles W. Maxson I. Ridgeway Trimble Raymond F. Helfrich
Assistant Surgeons	Julius Goodman S. Demarco, Jr. T. J. Touhey William N. McFaul, Jr. Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi Wm. C. Dunnigan Harold H. Burns William L. Garlick John F. Schaeffer F. Ford Loker Patrick C. Phelan, Jr. Michael L. DeVincentis
Plastic Surgeon	Edward A. Kitlowski Clarence P. Scarborough
Consulting Ophthalmologist and Otologist	Harry Friedenwald
Ophthalmologist	F. Edwin Knowles, Jr.
Associate Ophthalmologist	Joseph V. Jeppi
Asscciate Ophthalmologists and Otologists	M. Raskin Joseph I. Kemler F. A. Pacienza

Consulting Rhinologists and Laryngologists	W. Raymond McKenzie George W. Mitchell
Rhinologist and Laryngologist	Waitman F. Zinn
Associate Rhinologists and Laryngologists	Fayne A. Kayser Benjamin S. Rich Theodore A. Schwartz Birkhead Macgowan Benjamin H. Isaacs
Assistant Rhinologist and Laryngologist	Joseph V. Jeppi
Bronchoscopist	Waitman F. Zinn
Associate Bronchoscopist	Fayne A. Kayser
Assistant Bronchoscopist	Theodore A. Schwartz
Consulting Orthopaedic Surgeon	Albertus C. Cotton
Orthopaedic Surgeon	H. L. Rogers
Associate Orthopaedic Surgeon	Henry F. Ullrich
Assistant Orthopaedic Surgeons	I. H. Maseritz J. H. Gaskel
Proctologist	Simon P. Brager
Urologist	Kenneth D. Legge
Associate Urologists	Leon K. Fargo Francis W. Gillis J. S. Haines
Dermatologists	Francis A. Ellis Eugene S. Bereston
Dentist	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Consulting Physician	Maurice C. Pincoffs
Physician-in-Chief	H. Raymond Peters
Physicians	Harvey G. Beck Thomas P. Sprunt George McLean J. Sheldon Eastland Louis A. M. Krause Thomas C. Wolff
Associate Physicians	Hubert C. Knapp Bartus T. Baggott Wetherbee Fort T. Nelson Carey Sol Smith Hugh J. Welch

Assistant Physicians	S. A. Tumminello J. Howard Burns Earl L. Chambers K. W. Golley William H. Kammer S. Edwin Muller John R. Davis, Jr. J. Emmett Queen Frederick J. Vollmer John C. Osborne
Associate Gastro-Enterologists	R. Frederick Leitz Theodore H. Morrison Maurice Feldman
Assistant Gastro-Enterologist	Philip D. Flynn
Pediatricians	Edgar B. Friedenwald Frederick B. Smith
Associate Pediatrician	G. Bowers Mansdorfer
Assistant Pediatricians	Jerome Fineman O. Walter Spurrier Israel P. Meranski Edward L. Frey, Jr.
Associate Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner
Anesthesiologist	James Russo
Obstetrician-in-Chief	Edward P. Smith
Obstetricians	J. J. Erwin Thomas K. Galvin Frank K. Morris Ernest S. Edlow Hugh B. McNally
Associate Obstetricians	William C. Duffy Charles H. Doeller, Jr.
Assistant Obstetricians	J. Howard Burns Harry F. Kane William A. Dodd Harry McB. Beck Joseph C. Sheehan William J. Rysanek, Jr. Robert B. Tunney
Gynecologist-in-Chief	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris

Associate Gynecologists	Ernest S. Edlow George A. Strauss, Jr. H. L. Granoff Gerald Galvin
Assistant Gynecologists	Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan William J. Rysanek, Jr. Harry F. Kane Robert B. Tunney
Pathologists	Walter C. Merkel Hugh R. Spencer
Clinical Pathologist	H. T. Collenberg
Clinical Hematologist	H. Raymond Peters
Clinical Biochemist	Charles E. Brambel
Technicians	Sister Paula Marie Eleanor Behr Elisabeth Johnson Carmela E. Minnick Constance Chapman Theresa Ringrose Rita Berry
Consulting Radiologist	Albertus Cotton
Radiologist	Asa D. Young
Assistant Radiologist	E. Eugene Covington
Technicians	Sister Paula Marie Eleanor Behr Elizabeth Johnson Carmela E. Miceli Lillian Butler Betty Wolfram Virginia Schwarz Julietta Perez
Technicians (X-ray)	Ruth L. Gephardt Henrietta McCaffrey Frances Muth

ANNUAL HOSPITAL APPOINTMENTS

The following annual appointments are made to the Mercy Hospital:

Six Residents in Surgery
Five Residents in Medicine
Resident in Pediatrics
Resident in Pathllogy
Resident in Rhinology
Four Residents in Gynecology and Obstetrics
Fourteen Interns on Rotating Service

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1949—JUNE 30, 1950

RESIDENT STAFF

James G. Stegmaier, B.S., M.D., *Resident Surgeon*
Elden H. Pertz, B.S., M.D., *Associate Resident Surgeon*
Karl A. Dillinger, M.D., *Senior Assistant Resident Surgeon*
August Kiel, Jr., M.D., *Senior Assistant Resident Surgeon*
Rennert M. Smelser, M.D., *Junior Assistant Resident Surgeon*
Clyde D. Thomas, Jr., M.D., *Junior Assistant Resident Surgeon*
John F. Ullsperger, A.B., M.D., *Resident Gynecologist*
Vincent dePaul Fitzpatrick, Jr., A.B., M.D., *Resident Obstetrician*
Claude F. Bailey, A.B., M.D., *Assistant Resident Gynecologist and Obstetrician*
John A. Ferris, B.S., M.D., *Assistant Resident Gynecologist and Obstetrician*
Joseph F. LiPira, B.S., M.D., *Resident Physician*
Thomas P. Connor, A.B., M.D., *Assistant Resident Physician*
Allyn F. Judd, A.B., M.D., *Assistant Resident Physician*
Albert M. Powell, Jr., M.D., *Assistant Resident Physician*
James A. Roberts, B.S., M.D., *Assistant Resident Physician*
David Josephs, Jr., A.B., M.D., *Resident Pediatrician*

INTERNS

James A. Cline, III, M.D.
Charles R. Fravel, M.D.
Burton V. Lock, M.D.
Mary E. Matthews, B.S., M.S., M.D.
Homer W. May, B.S., M.D.
John H. Panzarella, M.D.
Howard F. Raskin, B.A., M.D.
Clifford T. Riddel, B.A., M.A., M.D.
Margaret L. Sherrard, B.A., M.D.
John A. Spittel, Jr., B.S., M.D.
Gene D. Trettin, B.S., M.D.

MERCY HOSPITAL DISPENSARY STAFF

Dispensary Director	Sister M. Scholastica
Supervisor of Surgical Clinic	Harold H. Burns
Dispensary Surgeons	I. Ridgway Trimble Simon H. Brager Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi William C. Dunnigan William L. Garlick John F. Schaefer F. Ford Loker Patrick C. Phelan Arthur G. Siwinski Melvin F. Polek Clarence P. Scarborough Michael L. DeVincentis

Supervisor of Genito-Urinary Clinic	Kenneth D. Legge
Assistant Genito-Urinary Surgeons	L. K. Fargo Francis W. Gillis John S. Haines
Supervisor of Orthopaedic Clinic	Harry L. Rogers
Orthopaedic Surgeons	Henry F. Ullrich Isaac Gutman I. H. Maseritz Jason H. Gaskel
Supervisor of Medical Clinic	H. Raymond Peters
Chiefs of Medical Clinic	Sol Smith S. Edwin Muller
Assistant Physicians	Frederick J. Vollmer William H. Kammer John R. Davis J. Emmett Queen Charles F. O'Donnell Arthur Karfgin John C. Osborne
Chief of Allergy Clinic	S. Edwin Muller
Chief of Cardiovascular Clinic	Thomas C. Wolff
Assistant Cardiologist	Leon Ashman
Chief of Metabolism Clinic	J. Sheldon Eastland
Assistant in Metabolism Clinic	J. E. Queen
Gastro-Enterologist	Maurice Feldman
Assistant Gastro-Enterologist	Philip Flynn
Chief of Pediatric Clinic	Edgar B. Friedenwald
Pediatricians	Jerome Fineman Israel T. Meranski O. Walter Spurrier Edward L. Frey, Sr. J. Carlton Wich Donald Cooper Earl Weeks Joseph Cordi
Neurologists and Psychiatrists	Philip F. Lerner Henry J. Marriott
Supervisor of Dermatology Clinic	Francis A. Ellis
Dermatologists	Eugene S. Bereston R. C. V. Robinson
Oncologist	James W. Nelson

Chief of Gynecology Clinic	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris Ernest S. Edlow Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Harry F. Kane Robert B. Tunney Gerald A. Galvin
Chief of Obstetrical Clinic	Edward P. Smith
Obstetricians	Harry F. Kane Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Robert B. Tunney
Esophagoscopist	Waitman F. Zinn
Associate Esophagoscopist	Fayne A. Kayser
Rhinologists and Laryngologists	Waitman F. Zinn Theodore A. Schwartz Benjamin H. Isaacs Arthur Ward
Ophthalmologists and Otologists	M. Raskin F. A. Pacienza Joseph V. Jeppi
Proctologist	Simon H. Brager
Assistant Proctologist	William T. Supik
Supervisor of Dental Clinic	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Supervisor of Physiotherapy Clinic	Leon Hannan
Assistant Physiotherapist	Alice R. Hannan
Social Workers	Sister M. Vincent Anna Shawbaker
Secretary	Eva Applegarth

MERCY HOSPITAL DISPENSARY REPORT

Year of 1948

Department	*New Cases*	*Old Cases*	*Total*
Allergy	17	179	196
Bronchoscopic	332	584	916
Cardiology	12	178	190
Dental	80	71	151
Dermatology	241	663	904
Diabetic	19	405	424
Gastro-Intestinal	22	113	135
Genito-Urinary	47	144	191
Gynecology	261	545	806
Medicine	454	2,242	2,696
Neurology	51	367	438
Ophthalmology	245	428	673
Orthopaedics	96	314	410
Pediatrics	384	904	1,288
Physiotherapy	173	1,733	1,906
Plastic Surgery	0	2	2
Postnatal	213	4	217
Prenatal	387	2,474	2,861
Proctology	40	59	99
Rhinolaryngology	402	702	1,104
Surgery	830	2,690	3,520
Surgical Follow-Up	189	351	540
Well Baby Clinic	15	15	30
Totals	4,510	15,167	19,677

THE BALTIMORE CITY HOSPITALS

STAFF, 1949–1950

PARKER J. MCMILLIN, *Superintendent*

Surgeon-in-Chief	OTTO C. BRANTIGAN, M.D.
Physician-in-Chief, Acting	C. HOLMES BOYD, M.D.
Physician-in-Chief, Radiology	STANLEY H. MACHT, M.D.
Physician-in-Chief, Tuberculosis	H. VERNON LANGELUTTIG, M.D.
Obstetrician-in-Chief	LOUIS H. DOUGLASS, M.D.
Pediatrician-in-Chief	HAROLD E. HARRISON, M.D.
Pathologist-in-Chief	C. GARDNER WARNER, M.D.
Dental Surgeon-in-Chief, Acting	H. GLENN WARING, D.D.S.
Consultant in Psychiatry	ESTHER L. RICHARDS, M.D.
Consultant in Peripheral Vascular Diseases	GEORGE H. YEAGER, M.D.

Visiting Surgeons	James C. Owings, M.D. I. Ridgeway Trimble, M.D. Amos Koontz, M.D. Thurston R. Adams, M.D.
Consultant in Traumatic Surgery	C. A. Reifschneider, M.D.
Visiting Hand Surgeon	Raymond M. Curtis, M.D.
Assistant Visiting Surgeons	Harry C. Bowie, M.D. Donald B. Hebb, M.D. Henry L. Rigdon, M.D.
Visiting Neuro-Surgeons	Charles Bagley, M.D. Richard G. Coblentz, M.D. James G. Arnold, M.D.
Assistant Visiting Neuro-Surgeon	R. K. Thompson, M.D.
Consultants in Plastic Surgery	Edward A. Kitlowski, M.D. Edward M. Hanrahan, Jr., M.D.
Assistant Visiting Plastic Surgeon	Clarence P. Scarborough, M.D.
Visiting Urologists	W. Houston Toulson, M.D. Hugh Jewett, M.D.
Assistant Visiting Urologist	Howard B. Mays, M.D.
Visiting Gynecologists	J. Mason Hundley, Jr., M.D. Beverley C. Compton, M.D. John C. Dumler, M.D. John T. Hibbitts, M.D.
Assistant Visiting Gynecologists	Ernest I. Cornbrooks, Jr., M.D. William K. Diehl, M.D. Everett S. Diggs, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Visiting Orthopaedic Surgeons	Allen F. Voshell, M.D. Henry F. Ullrich, M.D. Milton J. Wilder, M.D.
Visiting Laryngologists	John Bordley, M.D. Thomas R. O'Rourk, M.D. Fred T. Kyper, M.D.
Assistant Visiting Laryngologists	John H. Hirschfeld, M.D. Alfred T. Lieberman, M.D.
Visiting Ophthalmologist	Charles E. Iliff, Jr., M.D.
Visiting Oncologists	Grant E. Ward, M.D. Arthur G. Siwinski, M.D.
Visiting Anesthetists	Leonard Abramovitz, M.D. Alfred T. Nelson, M.D. Theodore Stacy, M.D.
Visiting Neuropathologist	John A. Wagner, M.D.
Assistant Chief Physician	Howard K. Rathbun, M.D.

Visiting Physicians	Louis A. M. Krause, M.D. Charles W. Judd, M.D. William G. Speed, III, M.D. Crawford N. Kirkpatrick, M.D.
Assistant Visiting Physicians	James R. McShane, M.D. George G. Schlesinger, M.D.
Assistant Visiting Physicians (USPHS)	Roger K. MacDonald, M.D. John H. Miller, M.D. David Solomon, M.D. Leroy E. Duncan, Jr., M.D.
Cardiologist (USPHS)	Benjamin Manchester, M.D.
Physiologist (USPHS)	Nathan W. Shock, Ph.D.
Visiting Neurologist	J. W. Magladery, M.D.
Assistant Visiting Neurologist	George G. Merrill, M.D.
Visiting Dermatologist, Acting	Raymond C. V. Robinson, M.D.
Visiting Laboratory Physician	Julius Waghelstein, M.D.
Visiting Pediatrician	Hans Bix, M.D.
Assistant Physician-in-Chief, Tuberculosis	Edmund G. Beacham, M.D.
Visiting Physician, Tuberculosis	Alvin S. Hartz, M.D.
Assistant Visiting Physician, Tuberculosis	John H. Hirschfeld, M.D.
Visiting Obstetrician	J. Morris Reese, M.D.
Assistant Visiting Obstetricians	D. Frank Kaltreider, M.D. John E. Savage, M.D. J. William Dorman, M.D. W. Newton Long, Jr., M.D. George W. Anderson, M.D. Louis C. Gareis, M.D.
Orthodontist	R. Kent Tongue, D.D.S.
Assistant Visiting Dental Surgeons	L. W. Bimestefer, D.D.S. Michael Varipatis, D.D.S. B. W. Misinski, D.D.S.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

STAFF, 1149–1950

Surgeon-in-Chief and Medical Director	Allen Fiske Voshell, A.B., M.D.
Consultant in Orthopaedic Surgery and Roentgenology	Albertus Cotton, A.M., M.D.
Associate Orthopaedic Surgeons	Moses Gellman, B.S., M.D. Harry Rogers, M.D. Henry F. Ullrich, M.D. Winthrop M. Phelps, A.B., M.D. Milton J. Wilder, M.D.

Roentgenologist	Charles N. Davidson, M.D.
Plastic Surgeon	Edward A. Kitlowski, A.B., M.D.
Aurist and Laryngologist	Benjamin S. Rich, A.B., M.D.
Dentist	M. E. Coberth, D.D.S.
Cardiologist	Helen M. Taussig, M.D.
Pediatrists	Melchijah Spragins, M.D.
Consulting Surgeon	Charles Reid Edwards, A.B., M.D.
Consulting Aurists and Laryngologists	Franklin B. Anderson, M.D. Edward A. Looper, M.D., D.Oph.
Consulting Neurological Surgeon	Charles Bagley, Jr., M.A., M.D.
Consulting Physician	Thomas R. Brown, A.B., M.D.
Consulting Dermatologists	Harry M. Robinson, Sr., M.D. Leon Ginsberg, M.D.
Consulting Neurologists	Irving J. Spear, M.D. R. V. Seliger, M.D.
Consulting Pediatrists	Benjamin Tappan, A.B., M.D. J. Edmund Bradley, M.D.
Consulting Dentist	Harry B. McCarthy, D.D.S.
Consulting Pathologist	Hugh R. Spencer, M.D.
Consulting Roentgenologist	Henry J. Walton, M.D.
Resident Orthopaedic Surgeons	Robert Abrams, M.D. A. Wesley Johnson, M.D. Francis Scholt, M.D.
Superintendent	Miss Maud M. Gardner, R.N.
Dispensary and Social Service Nurse	Mrs. Evelyn Byrd Zapf, R.N.
Physical Therapists and X-ray Technician	Miss Elizabeth Lane Miss Margaret Kennedy Mrs. Georgiana Wisong
Occupational Therapist	Miss Muriel Zimmerman, O.T.
Instructor in Grammar School	Miss Bertha Sendelback

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939–1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

Howard Rovelstad, A.B., M.A., B.S.L.S. *Acting Director of Libraries*

Ida Marian Robinson, A.B., B.S.L.S.	*Librarian*
Hilda E. Moore, A.B., A.B.L.S.	*Assistant Librarian*
Florence R. Kirk	*Assistant Librarian*
Edith R. McIntosh, A.M., A.B.L.S.	*Cataloguer*
Charlotte Wilson	*Assistant to the Cataloguer*

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 31,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, a comfortable and commodious building in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

DISPENSARY BUILDING

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The office of the Medical School Physician is located in this building.

The Department of Art also occupies quarters here.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933–1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, ophthalmology, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service is particularly well arranged and provides accommodation for forty ward patients. This service, combined with an extensive home service, assures the student abundant obstetrical training.

During the year ending December 31, 1948, 2427 cases were delivered in the hospital and 632 cases in the outdoor department. Students in the graduating class observed at least thirty-five cases, each student being required to deliver at least eight patients in their homes.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 348 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.
The Hospital for Chronic Cases, 575 beds.
The Hospital for Tuberculosis, 280 beds.
Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1948 the out-patient visits numbered 22,058.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Requests for application forms should be filed not earlier than September 15th preceding by one year the desired date of admission. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

Consideration will be given applications received after December 1st provided the class is not complete.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

(a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and

(b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences which are currently approved by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.

(c) The following courses and credits in basic required subjects must be completed by June of the year the applicant desires to be admitted:

	Semester hours	*Quarter hours*
General biology or zoology	8	12
Inorganic chemistry	8	12
Organic chemistry	6–8	9–12
General physics	8	12
English	6	9
Modern language (German, French, Spanish)	6	9

(d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

(e) Students who are conditioned in college courses are not accepted.

Elective courses should be selected from the following three groups:

Humanities
- English (an advanced course in English composition should be taken, if possible)
- Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)
- Philosophy

Natural Sciences
- Vertebrate Embryology
- Comparative Vertebrate Anatomy
- Quantitative Analysis
- Physical Chemistry
- Mathematics

Social Sciences
- Economics
- History
- Political Science
- Psychology (a basic course is desirable)
- Sociology, etc.

Careful attention should be given to the selection of elective courses in the natural sciences. Accordingly, it is suggested that the elective list given above be a guide in this connection and that the remainder of the college credits be accumulated from courses designed to promote a broad cultural development. Students should avoid the inclusion of college courses in subjects that occur in the medical curriculum, for example, histology, histological technique, human anatomy, bacteriology, physiology, neurology, physiological chemistry.

It is not intended that these suggestions be interpreted to restrict the education of students who exhibit an aptitude for the natural sciences or to limit the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, favorable letters of recommendation from their premedical committees. or from one instructor in each of the departments of biology, chemistry, and physics, and who in all other respects give every promise of becoming successful students and physicians of high standing.

Those candidates for admission who are unconditionally accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of "C" without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE STATUS OF STUDENTS*

Students who are minors are considered to be resident students if, at the time of their registration, the parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for at least one year, provided such residence has not been acquired while attending any school or college in Maryland.

The status of the residence of a student is determined at the time of his first registration in the university and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this state by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

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* The term "parents" includes persons who have been legally constituted the guardians of or stand in loco parentis to such minor students.

CURRENT FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year)—Residents of Maryland	450.00
Tuition fee (each year)—Non-Residents	600.00
Laboratory fee (each year)	25.00
Student health service fee (each year)	20.00
Student activities and service fee (each year)	15.00
*Lodging and meals fee	6.75
Graduation fee	15.00
Re-examination fee (each subject)	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of $10.00 and of a deposit on tuition of $50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This $60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar page 5 of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee, the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of $5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

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* Junior Students will be billed for this fee, covering lodging and meals while on obstetrical service at Baltimore City Hospitals. Accordingly, Section B. on Schedule 2 will be billed for the first semester; Section A on Schedule 2 for the second semester.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office $5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes, provides photographs for all school purposes, including state boards, and furnishes graduates with invitations and tickets to the Pre-commencement Exercises. It supports the activities of the Student Council.

STUDENT HEALTH SERVICE

James R. Karns, M.D. .... Director, Student Health Service.

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the school physician, Dr. James R. Karns, in his office at the medical school, at 9 A.M. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculate is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within three months before entering the School of Medicine. Long study hours bring out unsuspected eye defects which cause much loss of time and inefficiency in study if not corrected until after school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient. Students are urged, therefore, to read the latest issue of the catalogue and follow the rules set forth therein.

GRADING SYSTEM

Official grades are designated by these symbols:

Symbol	*Scholarship*	*Numerical Equivalent*
A	Superior	93–100
B	Good	87– 92
C	Fair	80– 86
D	Passing	75– 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.
2. No student will be permitted to advance with unabsolved failures.
3. A general scholastic average of C is required for advancement to junior and senior standing and for graduation.
4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.
5. A student who has failures in two completed major subjects will be dropped from the rolls.
6. All students are required to attend 85% of scheduled classes and take spring examinations unless excused by the Dean.
7. Should a student be required to repeat any year in any course, he must pay regular fees.
8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.
9. The general fitness of a candidate for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all students must be prepared to provide microscopes of a satisfactory type equipped with a mechanical stage and a sub-stage lamp.

A standard microscope of either Bausch & Lomb, Leitz, Spencer, or Zeiss make, fitted with the following attachments, will meet the requirements:

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.
4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.
1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.
Oculars: 10x and 5x. Huygenian eyepieces.
Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the department.

11. Students in the second year class are required to provide stethoscopes.

12. Third- and fourth-year students are required to provide haemocytometers, opthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

13. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

14. Each new matriculate in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

15. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of "C" without failures for the work of his first year in the School of Medicine.

c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

16. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

PARKING

Because of lack of space on the university parking lots no parking facilities are provided thereon for students.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

Three-Day Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.–10 a.m.)

Special Rules or Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person.

Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

Three-Day Loans: 5¢ per day.

Overnight Loans: 5¢ per hour.

Lost Books: List price of the book. (Lost books should be reported at once)

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

/ No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

Period elapsed after instruction begins.	*Percentage refundable*
Two weeks or less	80%
Between two and three weeks	60%
Between three and four weeks	40%
Between four and five weeks	20%
After five weeks	0

PRIZES

THE FACULTY PRIZE

The faculty will award the gold medal and certificate and five certificates of honor to those six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value $100.00 each)

A certificate of proficiency and a prize of $100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Faculty Board showing greatest proficiency in Dermatology.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed four months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value $100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Faculty Board "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value $100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value $100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value $125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Faculty Board, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Faculty Board to a student of the senior class in need of assistance who presents to the Faculty Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value $200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuroanatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value $300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value $150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value $125.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Faculty Board to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately $250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Faculty Board to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of $500.00 is now available to cover two (2) scholarships in the amount of $250.00 each for the scholastic year, beginning in 1945, as a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School in collaboration with the Scholarship and Loan Committee of the Medical School with the provision that the students selected shall be worthy. deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of $100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of $100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under thirteen departments.

1. Anatomy.
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology.
12. Roentgenology.

13. Anaesthesiology.
14. Psychiatry.
15. Pediatrics.

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY

Eduard Uhlenhuth	Professor of Anatomy, and Head of the Department
Frank H. J. Figge	Professor of Anatomy
O. G. Harne	Associate Professor of Anatomy
Vernon E. Krahl	Associate Professor of Anatomy
R. Dale Smith	Associate Professor of Anatomy
John F. Lutz	Assistant Professor of Anatomy
Karl F. Mech	Associate in Anatomy
V. V. Brunst	Research Associate
Geraldine F. Wolfe	U.S.P.H. Fellow
Russell L. Christopher	Weaver Fellow in Anatomy[1]
Dewitt T. Hunter	Weaver Fellow in Anatomy[1]
William E. Loechel	Fellow in Anatomy[1a]
Otto C. Brantigan	Professor of Surgical Anatomy
W. Wallace Walker	Associate Professor of Surgical Anatomy
William B. Settle	Assistant Professor of Surgical Anatomy
Herbert E. Reifschneider	Associate in Surgical Anatomy
Henry L. Rigdon	Associate in Surgical Anatomy
Harry C. Bowie	Instructor in Surgical Anatomy
Ross Z. Pierpont	Instructor in Surgical Anatomy

Gross Anatomy. *First Year.* First semester. The gross structure of the human body, studied by dissection of the human cadaver. The entire human body is dissected. Approximately 390 hours; of these 88 hours are devoted to lectures and conferences, the rest to laboratory work and demonstrations. Drs. Uhlenhuth, Krahl, Smith and Mech.

First Year. First Semester. Peripheral Nervous System. A lecture course of approximately 32 hours, in two-hour periods each Saturday morning. Dr. Uhlenhuth.

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[1] June 1st to August 31st, 1949.

[1a] July 1 to Aug. 31, 1949.

First Year. First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body. While much of the time is devoted to the study of fixed and stained non-living tissues and organs, the development of a concept of the dynamic and functional aspects of living cells and organs is the primary goal of the course. 150 hours. Dr. Figge, Prof. Harne and Dr. Lutz.

First Year. Second Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 100 hours. Dr. Figge, Prof. Harne, Dr. Lutz.

Second Year. Second Semester. Topographic and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and demonstrate all points, outlines and regions of the cadaver. Underlying regions are dissected to bring out outlines and relations of structures. Dr. Brantigan and staff.

Total hours: 96

Graduate and Postgraduate Courses. Consult the general catalog of the University of Maryland for descriptions of these courses.

DEPARTMENT OF PHYSIOLOGY

William R. Amberson	Professor of Physiology, and Head of the Department
Dietrich Conrad Smith	Professor of Physiology
Frederick P. Ferguson	Assistant Professor of Physiology
Sylvia Himmelfarb	Assistant in Physiology
Frances C. Brown	Assistant in Physiology
Raymond F. Kline	Porter Fellow in Physiology

The work in physiology is given in two separate courses:

First Year. Second Semester. A course in neuro-muscular physiology is presented in two lectures a week, without laboratory work.

Second Year. First Semester. The remainder of the subject is presented in four lectures, one conference, and two laboratory periods a week.

The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel	Professor of Bacteriology and Head of the Department
Edward Steers	Associate Professor of Bacteriology

Andrew G. Smith	Assistant Professor of Bacteriology
H. Edmund Levin	Associate in Bacteriology
Hazel Y. Pruitt	Assistant in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 120.
Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

Emil G. Schmidt	Professor of Biological Chemistry and Head of the Department
Edward J. Herbst	Assistant Professor of Biological Chemistry
William H. Summerson	Lecturer in Biological Chemistry
Ann Virginia Brown	Instructor in Biological Chemistry
Margaret E. Mellott	Instructor in Biological Chemistry
Jane F. Beardsley	Research Assistant in Biological Chemistry
Dorothy D. Hubbard	Weaver Fellow in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHARMACOLOGY

John C. Krantz, Jr.	Professor of Pharmacology and Head of the Department
C. Jelleff Carr	Associate Professor of Pharmacology
Harry K. Iwamoto	Assistant Professor of Pharmacology
Ruth Musser	Instructor in Pharmacology
Joseph G. Bird	Assistant and Fellow in Pharmacology
Amedeo S. Marrazzi	Lecturer in Pharmacology
William G. Harne	Demonstrator in Pharmacology
Frederick K. Bell	U. S. Pharmacopoeia Fellow

Mary S. Fassel	Emerson Fellow in Pharmacology
John B. Harmon	Emerson Fellow in Pharmacology
Edward B. Truitt, Jr.	Markle Fellow in Pharmacology
Raymond M. Burgison	Fellow in Pharmacology
Chi Chan Ling	Ohio Chemical Co., Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer	Professor of Pathology and Head of the Department
Robert B. Wright	Associate Professor of Pathology
C. Gardner Warner	Associate Professor of Pathology
Walter C. Merkel	Associate Professor of Pathology
Dexter L. Reimann	Associate Professor of Pathology
John A. Wagner	Associate Professor of Pathology
Albert E. Goldstein	Assistant Professor of Pathology
Milton S. Sacks	Associate in Pathology
Benedict Skitarelic	Associate in Pathology
Leon Freedom	Associate in Pathology
Conrad B. Acton	Instructor in Pathology
Howard B. Mays	Instructor in Pathology
Ephraim T. Lisansky	Instructor in Pathology
D. McClelland Dixon	Instructor in Pathology
William B. VandeGrift	Instructor in Pathology
William J. Bryson	Instructor in Pathology
Karl F. Mech	Instructor in Pathology
Seymour W. Rubin	Instructor in Pathology
Richard J. Colfer	Instructor in Pathology
Donald E. Fisher	Instructor in Pathology
Charles P. Barnett	Instructor in Pathology
Theodore Kardash	Instructor in Pathology
L. Calvin Gareis	Instructor in Pathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

General Pathology. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

Autopsies. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

Clinical-Pathological Conference. (*Fourth Year.*) These exercises are held in collaboration with the Department of Medicine. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs	Professor of Medicine and Head of the Department
T. Nelson Carey	Professor of Clinical Medicine and Chairman of the Department of Medicine
G. Carroll Lockard	Professor of Clinical Medicine
Thomas P. Sprunt	Professor of Clinical Medicine
H. Raymond Peters	Professor of Clinical Medicine
Louis A. M. Krause	Professor of Clinical Medicine
Paul W. Clough	Associate Professor of Medicine
Walter A. Baetjer	Associate Professor of Medicine
William S. Love, Jr.	Associate Professor of Medicine
Thomas C. Wolff	Associate Professor of Medicine
Howard M. Bubert	Associate Professor of Medicine
J. Sheldon Eastland	Associate Professor of Medicine
Milton S. Sacks	Associate Professor of Medicine
Lewis P. Gundry	Associate Professor of Medicine
Samuel Morrison	Associate Professor of Medicine
Theodore E. Woodward	Associate Professor of Medicine
William H. Smith	Associate Professor of Clinical Medicine
George McLean	Assistant Professor of Medicine
Wetherbee Fort	Assistant Professor of Medicine
Frank J. Geraghty	Assistant Professor of Medicine
H. Vernon Langeluttig	Assistant Professor of Medicine
Sol Smith	Assistant Professor of Medicine
Edward F. Cotter	Assistant Professor of Medicine
Samuel Legum	Associate in Medicine
Robert A. Reiter	Associate in Medicine
W. Grafton Herspberger	Associate in Medicine
Meyer W. Jacobson	Associate in Medicine
Conrad B. Acton	Associate in Medicine
Irving Freeman	Associate in Medicine
Francis G. Dickey	Associate in Medicine
C. Edward Leach	Associate in Medicine

Lawrence M. Serra	Associate in Medicine
Marie A. Andersch	Associate in Medicine
Harry M. Robinson, Jr.	Associate in Medicine
William K. Waller	Associate in Medicine
Ephraim T. Lisansky	Associate in Medicine
Samuel T. R. Revell	Associate in Medicine
Arthur Karfgin	Associate in Medicine
M. Paul Byerly	Associate in Medicine
Henry W. D. Holljes	Associate in Medicine
S. Edwin Muller	Associate in Medicine
Sidney Scherlis	Associate in Medicine
Henry J. Marriott	Associate in Medicine
Kurt Levy	Associate in Medicine
David Tenner	Instructor in Medicine
Philip D. Flynn	Instructor in Medicine
Edward S. Kallins	Instructor in Medicine
John A. Myers	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
M. Paul Padget	Instructor in Medicine
Leon Ashman	Instructor in Medicine
Joseph E. Muse, Jr.	Instructor in Medicine
Daniel Wilfson, Jr.	Instructor in Medicine
William H. Kammer, Jr.	Instructor in Medicine
Samuel J. Hankin	Instructor in Medicine
Frederick J. Vollmer	Instructor in Medicine
Louis J. Kroll	Instructor in Medicine
John R. Davis	Instructor in Medicine
John Z. Bowers	Instructor in Medicine
Wilfred H. Townshend	Instructor in Medicine
Alvin J. Hartz	Instructor in Medicine
James R. Karns	Instructor in Medicine
Ernest Guy	Instructor in Medicine
John B. DeHoff	Instructor in Medicine
Edmund G. Beacham	Instructor in Medicine
Jonas Cohen	Instructor in Medicine
Charles E. Brambel	Instructor in Medicine
Walter Karfgin	Instructor in Medicine
L. Ann Hellen	Instructor in Medicine
Audry M. Funk	Instructor in Medicine
Morris Fine	Assistant in Medicine
Samuel Snyder	Assistant in Medicine
Rollin C. Hudson	Assistant in Medicine
Stephen J. Van Lill, 3rd	Assistant in Medicine
Franklin E. Leslie	Assistant in Medicine
Thomas L. Worsley	Assistant in Medicine
Adam Swiss	Assistant in Medicine
John C. Osborne	Assistant in Medicine
William G. Fusting	Assistant in Medicine
Stuart D. Sunday	Assistant in Medicine
Jonas Cohen	Assistant in Medicine

GENERAL OUTLINE

Second Year

Introduction to clinical medicine.

- (a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)
- (b) Medical clinics. (1 hour a week, second semester.)

Third Year

I. The methods of examination (13 hours a week). (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.

These subjects are taught and practiced in the hospital out-patient department and in the clinical laboratory.

II. The principles of medicine (200 hours).

- (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics psychiatry and preventive medicine.

Fourth Year

The practice of medicine.

I. Clinical clerkship on the medical wards. (26 hours a week for ten weeks.)

- (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
- (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties. (6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical-pathological conferences (1 hour a week).

MEDICAL DISPENSARY WORK

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

PHYSICAL DIAGNOSIS

T. Conrad Wolff	Associate Professor of Medicine, and Head of the Department of Physical Diagnosis
Robert A. Reiter	Associate in Medicine, in charge of Lower Respiratory Disease
Samuel Legum	Associate in Medicine, in charge of Cardiovascular Disease
Irving Freeman	Associate in Medicine
Grafton Hersperger	Associate in Medicine
Kurt Levy	Associate in Medicine
Louis Kroll	Instructor in Medicine
Daniel Wilfson	Instructor in Medicine
Leon Ashman	Instructor in Medicine
Joseph Muse	Instructor in Medicine
Samuel Hankin	Instructor in Medicine

John B. DeHoff	Instructor in Medicine
Alvin Hartz	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
Stuart D. Sunday	Assistant in Medicine
Thomas L. Worsley, Jr.	Assistant in Medicine
Elizabeth D. Sherrill	Assistant in Medicine
William H. Fusting	Assistant in Medicine

The course in physical diagnosis starts with the first semester of the Sophomore year and ends with the termination of the second semester of the Junior year.

First Semester—Second Year—Lecture, one hour weekly covering the technique of history writing in the normal person and the mechanics of the physical signs elicited in the normal person through inspection, palpation, percussion and auscultation.

Second Semester—Second Year—Lecture, one hour weekly, covering the technique of history writing in cases involving disease, and the mechanics of pathological physical signs on inspection, palpation, percussion and auscultation.

In the third and fourth quarters small tutorial groups are formed, each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter for one afternoon weekly. In the fourth quarter the students become acquainted with abnormal signs through examination of hospital patients.

Third Year—a. The class is divided into four sections. Each section receives bedside instruction in physical diagnosis for seven weeks (2 hrs. daily). For this purpose small groups under an instructor are formed. The instruction is carried on in the Baltimore City Hospitals but in addition advantage is occasionally taken of the clinical opportunities in other institutions.

b. Lecture course (1 hr. weekly) covering the mechanisms of abnormal signs.

THERAPEUTICS

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Students attend therapeutic ward rounds once a week throughout their medical trimester.

TROPICAL MEDICINE

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

CARDIOLOGY

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

During the fourth year an elective course in cardiology is offered at the Mercy Hospital. The course occupies one and one-half hours weekly. Physical diagnosis, electocardiography and the therapeutic management of cardiac cases are stressed.

Elective out-patient work is available also to members of the fourth year class in the cardiac clinic of the University Hospital.

SYPHILIS

Third Year. During the third year the subject of syphilis is dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis is offered in the dispensary.

CLINICAL PATHOLOGY

Milton S. Sacks	Associate Professor of Medicine and Head of the Department of Clinical Pathology
Sol Smith	Assistant Professor of Medicine
Marie A. Andersch	Biochemist, University Hospital, Associate in Medicine
S. Edwin Muller	Associate in Medicine
John A. Wagner	Assistant in Medicine
L. Ann Hellen	Instructor in Medicine
Audrey M. Funk	Instructor in Medicine
C. L. Spurling	Baltimore RH Laboratory Fellow in Medicine
Joseph A. Guilbeau, Jr.	Baltimore Rh Laboratory Fellow in Obstetrics

Third Year. First and second semesters. The course in Clinical Pathology is designed to train the student in the third year in the performance and interpretation of fundamental diagnostic laboratory procedures used in clinical medicine.

During the first semester the work is devoted to a thorough consideration of diseases of the hematopoietic system. In the second semester, in connection with laboratory work in urinalysis, gastric analysis, hepatic, pancreatic and renal functions, thorough discussion of underlying biochemical and physiological mechanisms is undertaken. During this semester examination of cerebrospinal fluid, transudates and exudates is also included. Elements of clinical parasitology round out the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128.

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independently of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Theodore H. Morrison	Clinical Professor of Gastro-Enterology
Samuel Morrison	Associate Professor of Gastro-Enterology
Maurice Feldman	Assistant Professor of Gastro-Enterology
Zachariah Morgan	Assistant Professor of Gastro-Enterology
Francis G. Dickey	Associate in Medicine
Z. Vance Hooper	Associate in Gastro-Enterology
Albert J. Shochat	Instructor in Gastro-Enterology
Alfred S. Lederman	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Clinics and demonstrations are given to the class for one hour a week; dispensary instruction to small groups throughout the entire session. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

DEPARTMENT OF PSYCHIATRY

Jacob E. Finesinger	Professor of Psychiatry and Head of the Department
H. Whitman Newell	Associate Professor of Psychiatry
Harry M. Murdock	Assistant Professor of Psychiatry
Philip S. Wagner	Assistant Professor of Psychiatry
Hans W. Loewald	Assistant Professor of Psychiatry
William W. Elgin	Assistant Professor of Psychiatry
J. G. N. Cushing	Assistant Professor of Psychiatry
Kathryn L. Schultz	Assistant Professor of Psychiatry
Isadore Tuerk	Associate in Psychiatry
Kathryn Dice	Associate in Clinical Psychology
Elizabeth LaForge	Associate in Psychiatric Social Work
A. Russell Anderson	Instructor in Psychiatry
Francis J. McLaughlin	Instructor in Psychiatry
Samuel Novey	Instructor in Psychiatry
Richard H. Pembroke, Jr.	Instructor in Psychiatry
Phoebe Rich	Instructor in Psychiatric Social Work
Marcella Weisman	Assistant in Psychiatric Social Work
Elizabeth Smith	Assistant in Psychiatric Social Work
Ruth Rabinovitch	Fellow in Psychiatry
Suzanne Mohler	Fellow in Clinical Psychology
William Stark	Fellow in Psychiatry
Marion A. Marfy	Fellow in Clinical Psychology

First Year. The 16 lecture hours will be devoted largely to a discussion of factors influencing the formation of character and the deviations in personality falling within the range of "normal." The usual endogenous and environmental experiences which provide critical periods during the life of an individual will be chronologically presented. Basic psychological concepts and psycho-dynamics will be reviewed. The methods of psychiatry with reference to the life history, mental status examination, and psychometric testing will be outlined and demonstrated.

Second Year. Fourteen 2-hour lecture demonstrations on psychopathology will introduce the student to personality deviations considered "abnormal." The mental status examination will be demonstrated in detail. The major and minor psychoses will be presented in terms of the psycho-dynamics of symptoms and reaction types. The student will be expected, at the conclusion of the year, to be familiar with the psychopathology and clinical characteristics of the usual psychiatric problems.

Third Year. The 16 lecture hours will be devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment will be reviewed, but the main emphasis will be toward familiarizing the student with forms of therapy feasible in routine medical practice. During the 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A series of 10 lecture demonstrations will serve to summarize previous instruction and to appraise the student's insight into psychopathology, the recognition of clinical syndromes, and their management. Characteristic reaction types will be demonstrated and discussed largely as concerns probable etiology and possible preventive measures. The relationship of mental illness to the major problems of social upheaval, economic, and other sources of insecurity will be considered.

DEPARTMENT OF PEDIATRICS

J. Edmund Bradley	Professor of Pediatrics and Head of the Department
C. Loring Joslin	Professor of Pediatrics
Edgar B. Friedenwald	Professor of Clinical Pediatrics
A. H. Finkelstein	Associate Professor of Pediatrics
Frederick B. Smith	Associate Clinical Professor of Pediatrics
Albert Jaffe	Associate Clinical Professor of Pediatrics
Samuel S. Glick	Assistant Professor of Pediatrics
Jerome Fineman	Assistant Professor of Pediatrics
Gibson J. Wells	Assistant Professor of Pediatrics
William M. Seabold	Assistant Professor of Pediatrics
Clewell Howell	Associate in Pediatrics
G. Bowers Mansdorfer	Associate in Pediatrics
Arnold F. Lavenstein	Instructor in Pediatrics
Mary L. Hayleck	Instructor in Pediatrics
Israel P. Meranski	Instructor in Pediatrics
Melchijah Spragins	Instructor in Pediatrics
Thomas A. Christensen	Instructor in Pediatrics
Joseph M. Cordi	Instructor in Pediatrics
William Earl Weeks	Assistant in Pediatrics
J. Carlton Wich	Assistant in Pediatrics
O. Walter Spurrier	Assistant in Pediatrics
Joseph M. Cordi	Assistant in Pediatrics

A. Maynard Bacon, Jr.	Assistant in Pediatrics
Donald D. Cooper	Assistant in Pediatrics
Sarah Cook	Fellow in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. An amphitheatre clinic is given at which patients are shown to demonstrate the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems concerning diagnosis, care, treatment and clinical pathology of the diseases of infants and children. (30 hours.)

Students are assigned subjects for the preparation of theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory work, and following up the patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day being devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under supervision of one of the staff instructors. (45 hours.)

Total hours: 300.

NEUROLOGY

Leon Freedom	Associate Professor of Neurology
Philip F. Lerner	Assistant Professor of Neurology
William L. Fearing	Associate in Neurology
Edward F. Cotter	Associate in Neurology
Harry Teitelbaum	Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. A clinical conference one hour each week is given to the whole class at the University and Mercy Hospitals. All patients presented at these clinics are carefully examined. Complete written records are made by the students who demonstrate the patients before the class. The patients are usually assigned one or two weeks before they are presented, and each student in the class must study and present one or more patients during the year.

Ward Class Instruction. Nine hours of instruction are given to each student in small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the patients in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

HYGIENE AND PUBLIC HEALTH

Huntington Williams	Professor of Hygiene and Public Health
William H. F. Warthen	Associate Professor of Hygiene and Public Health
Ross Davies	Associate Professor of Hygiene and Public Health
Horace Hodes	Associate Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at Sydenham Hospital, the one-hundred bed communicable disease hospital of the City Health Department, and at its Western Health District, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

LEGAL MEDICINE

Third Year. This course embraces a summary of some of the following: Proceedings in criminal and civil prosecution, medical evidence and testimony, identity and its general relations, rape, criminal abortions, signs of death, wounds in their medico-legal relations, natural and homicidal death, malpractice, insanity, and medico-legal autopsies, including poisoning.

Total hours: 4.

DERMATOLOGY AND SYPHILOLOGY

Harry M. Robinson, Sr	Professor of Dermatology
Francis A. Ellis	Assistant Professor of Dermatology

Harry M. Robinson, Jr.	Assistant Professor of Dermatology
Eugene S. Bereston	Associate in Dermatology
A. Albert Shapiro	Associate in Dermatology
Israel Zeligman	Associate in Dermatology
R. C. V. Robinson	Associate in Dermatology
Lucile J. Caldwell	Instructor in Dermatology
Benjamin Highstein	Instructor in Dermatology
Mark B. Hollander	Instructor in Dermatology
V. Harwood Link	Assistant in Dermatology
Morris M. Cohen	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of demonstrations of the common skin diseases and venereal diseases given throughout the year by Dr. Robinson and staff. A weekly lecture-demonstration is given to the whole senior class by Dr. Robinson and Dr. Ellis.

Daily demonstrations and conferences are carried on by the out-patient staff in the dermatologic clinic involving both skin diseases and venereal diseases.

Third year	15 hours
Fourth Year	49 hours
Total	64 hours

DEPARTMENT OF SURGERY

Charles Reid Edwards	Professor of Surgery, and Acting Head of the Department
Walter D. Wise	Professor of Surgery
Elliott H. Hutchins	Professor of Surgery
F. L. Jennings	Professor of Clinical Surgery
D. J. Pessagno	Professor of Clinical Surgery
George H. Yeager	Professor of Clinical Surgery
Monte Edwards	Clinical Professor of Surgery
Otto C. Brantigan	Professor of Clinical Surgery
Harry C. Hull	Professor of Clinical Surgery
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thomas R. Chambers	Associate Professor of Surgery
R. W. Locher	Associate Professor of Clinical Surgery
Edward S. Johnson	Associate Professor of Surgery
Grant E. Ward	Associate Professor of Surgery
Cyrus F. Horine	Associate Professor of Surgery
Charles W. Maxson	Associate Professor of Surgery
C. W. Peake	Associate Professor of Surgery
James W. Nelson	Associate Professor of Surgery
William F. Reinhoff, Jr.	Associate Professor of Surgery
I. Ridgeway Trimble	Associate Professor of Surgery
W. Wallace Walker	Associate Professor of Surgery and Surgical Anatomy
H. F. Bongardt	Assistant Professor of Surgery
I. O. Ridgely	Assistant Professor of Surgery

Simon H. Brager	Assistant Professor of Surgery and Proctology
Thurston R. Adams	Assistant Professor of Surgery
Raymond F. Helfrich	Associate in Surgery
William B. Settle	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
George Govatos	Associate in Surgery
Joseph V. Jerardi	Associate in Surgery
Henry L. Rigdon	Associate in Surgery
Herbert E. Reifschneider	Associate in Surgery
Harold H. Burns	Associate in Surgery
William L. Garlick	Associate in Surgery
Joseph M. Miller	Lecturer in Surgery
J. Duer Moores	Instructor in Surgery
Calvin Hyman	Instructor in Surgery
Clyde F. Karns	Instructor in Surgery
Daniel R. Robinson	Instructor in Surgery
George H. Brouillet	Instructor in Surgery
Harry C. Bowie	Instructor in Surgery
Stuart G. Coughlan	Instructor in Surgery
John F. Schaefer	Instructor in Surgery
Robert F. Healy	Instructor in Surgery
Robert C. Sheppard	Instructor in Surgery
Samuel E. Proctor	Instructor in Surgery
F. Ford Loker	Instructor in Surgery
E. Roderick Shipley	Instructor in Surgery
Edwin H. Stewart, Jr.	Instructor in Surgery
Patrick C. Phelan, Jr.	Instructor in Surgery
William R. Geraghty	Assistant in Surgery
Howard B. McElwain	Assistant in Surgery
A. V. Buchness	Assistant in Surgery
T. J. Touhey	Assistant in Surgery
Samuel H. Culver	Assistant in Surgery
L. T. Chance	Assistant in Surgery
W. Allen Deckert	Assistant in Surgery
William C. Dunnigan	Assistant in Surgery
Howard L. Zupnik	Assistant in Surgery
Raymond M. Cunningham	Assistant in Surgery
John W. Chambers	Assistant in Surgery
Ross Z. Pierpont	Assistant in Surgery
Michael L. DeVincentis	Assistant in Surgery
Louis E. Goodman	Assistant in Surgery
Arlie R. Mansberger, Jr.	Research Fellow in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

Topographic and Surgical Anatomy. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Rigdon, Brouillet and Pierpont.

Total hours: 96.

Principles of Surgery. *Second semester.* This course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

General and Regional Surgery. Lectures, recitations and clinics on the principles of surgery, general surgery including fractures and dislocations are given three hours a week to the whole class. Dr. Hull.

The class is divided into groups and receives instruction in history-taking and surgical pathology under the supervision of the chief of the pathologic department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at this institution by Drs. Hull, C. A. Reifschneider, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

Operative Surgery. Two courses in operative surgery are given under the supervision of Dr. Yeager assisted by Drs. Brager, Deckert, Govatos, Gutman, Healy, F. C. Karns, Mech, Joseph Miller, Peake and Rigdon. The class is divided into sections and each section is given practical and individual work under the supervision of the instructors.

Surgical Out-patient Department. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

Clinics. A weekly clinic is given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. Wise. University Hospital—Dr. C. R. Edwards.

Surgical Pathology. At Mercy Hospital. Specimens from the operating room and museum are studied in the gross and microscopically in relation to the case history. 14 hours. Dr. Pessagno.

Surgery of the Chest. At Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

Traumatic Surgery. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

Clinical Clerkship. This work includes the personal study of assigned hospital patients, under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Blake, Pessagno, Nelson, Trimble, Brager and Jerardi. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

ORTHOPAEDIC SURGERY

Allen Fiske Voshell	Professor of Orthopaedic Surgery
Harry L. Rogers	Clinical Professor of Orthopaedic Surgery
Moses Gellman	Associate Professor of Orthopaedic Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
Milton J. Wilder	Assistant Professor in Orthopaedic Surgery
I. H. Maseritz	Associate in Orthopaedic Surgery
Jason H. Gaskel	Instructor in Orthopaedic Surgery

Didactic, clinical, bedside and out-patient instruction is given in the fourth year at the University and Mercy Hospitals and Dispensaries, Kernan Hospital for Crippled Children at Dickeyville and Baltimore City Hospitals. Instruction is also given in the third year in small groups at the Baltimore City Hospitals.

Weekly lectures throughout the year present all phases of orthopaedic surgery except fractures; brief discussions and demonstration of physical and occupational therapy are included.

Fourth year groups are given more intimate instruction biweekly at one of the above institutions; fracture cases are included here.

Third year	60 hours
Fourth year	90 hours
Total	150 hours

RHINOLOGY AND LARYNGOLOGY

Edward A. Looper	Professor of Rhinology and Laryngology
Waitman F. Zinn	Clinical Professor of Rhinology and Laryngology

Franklin B. Anderson	Associate Professor of Rhinology and Laryngology
Thomas R. O'Rourk	Associate Professor of Rhinology and Laryngology
Benjamin S. Rich	Associate Professor of Rhinology and Laryngology
Frederick T. Kyper	Associate Professor of Rhinology and Laryngology
W. Raymond McKenzie	Assistant Professor of Rhinology and Laryngology
Fayne A. Kayser	Assistant Professor of Rhinology and Laryngology
Theodore Schwartz	Assistant Professor of Rhinology and Laryngology
Samuel L. Fox	Associate in Rhinology and Laryngology
Benjamin H. Isaacs	Associate in Rhinology and Laryngology
Richard J. Cross	Instructor in Rhinology and Laryngology
John H. Hirschfeld	Assistant in Rhinology and Laryngology
Robert Z. Berry	Assistant in Rhinology and Laryngology
Ross C. Brooks	Assistant in Rhinology and Laryngology

Third Year. Instruction to whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for seven weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for one and one-half hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year	9 hours
Fourth year	53 hours
Total	62 hours

GENITO-URINARY SURGERY

W. Houston Toulson	Professor of Genito-Urinary Surgery
Kenneth D. Legge	Professor of Clinical Genito-Urinary Surgery
Howard B. Mays	Assistant Professor of Genito-Urinary Surgery
Francis W. Gillis	Assistant Professor of Genito-Urinary Surgery
John F. Hogan	Assistant Professor of Genito-Urinary Surgery
Austin H. Wood	Associate in Genito-Urinary Surgery
Lyle J. Millan	Associate in Genito-Urinary Surgery
L. K. Fargo	Associate in Genito-Urinary Surgery
Hugh J. Jewett	Associate in Genito-Urinary Surgery
John S. Haines	Instructor in Genito-Urinary Surgery
Charles W. Hawkins	Assistant in Genito-Urinary Surgery
Morris A. Fine	Assistant in Genito-Urinary Surgery

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course in this year includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student here is placed much on his own responsibility in arriving at a diagnosis. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	6 hours
Fourth year	39 hours
Total	45 hours

PROCTOLOGY

Monte Edwards	Professor of Proctology
Thurston R. Adams	Assistant Professor of Proctology
Simon H. Brager	Assistant Professor of Proctology
Donald B. Hebb	Instructor in Proctology
William T. Supik	Instructor in Proctology
Raymond M. Cunningham	Instructor in Proctology

Third Year. Seven lectures are given to the whole class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Brager. University Hospital—Drs. Monte Edwards and Adams.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

OTOLOGY

Thomas R. O'Rourk	Clinical Professor of Otology
Franklin B. Anderson	Associate Professor of Otology
Benjamin S. Rich	Associate in Otology
Frederick T. Kyper	Associate in Otology
Samuel L. Fox	Associate in Otology
Richard J. Cross	Instructor in Otology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

Third year	12 hours
Fourth year	40 hours
Total	52 hours

NEUROLOGICAL SURGERY

Charles Bagley, Jr.	Professor of Neurological Surgery
Richard G. Coblentz	Professor of Clinical Neurological Surgery
James G. Arnold, Jr.	Associate Professor of Neurological Surgery
John A. Wagner	Associate Professor of Pathology and Neuropathology
Raymond K. Thompson	Instructor in Neurological Surgery, Director of Neurological Surgery Research
Frank J. Otenasek	Assistant in Neurological Surgery
John W. Chambers	Assistant in Neurological Surgery
Robert M. N. Crosby	Hitchcock Fellow in Neurological Surgery Assigned to Research
J. Pomeroy Nichols	Hoffberger Fellow, Neurological Surgery
Louis O. J. Manganiello	Resident in Neurological Surgery
José A. Alvarez	Assistant Resident in Neurological Surgery
George W. Smith	Assistant Resident, Baltimore City Hospitals, Assigned to Neurological Surgery

Third year. The course covers instruction in diagnosis and treatment of surgical conditions of the brain, spinal cord and the peripheral nerves. Drs. Bagley, Coblentz, Arnold and Thompson.

Fourth year. Weekly ward rounds and conferences are given at the University Hospital. Drs. Bagley, Coblentz, Arnold and Thompson. Instruction is given (elective) in the out-patient dispensary by Drs. Louis Manganiello, George Smith and José A. Alvarez.

Third year	12 hours
Fourth year	15 hours
Conference and ward rounds (elective)	32 hours
Neurological Surgery Dispensary (elective)	48 hours
Total	107 hours

ONCOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Grant E. Ward	Associate Professor of Surgery
Beverley C. Compton	Assistant Professor of Gynecology
John C. Dumler	Assistant Professor of Gynecology

William K. Diehl	Assistant Professor of Gynecology
Everett S. Diggs	Assistant Professor of Gynecology
Ernest I. Cornbrooks, Jr.	Assistant Professor of Gynecology
Arthur G. Siwinski	Associate in Surgery
Edwin H. Stewart	Instructor in Surgery
J. Duer Moores	Instructor in Surgery
Louis F. Goodman	Assistant in Surgery
Robert G. Chambers	National Cancer Institute Trainee
Harold P. Biehl	National Cancer Institute Trainee
E. Eugene Covington	Assistant Radiologist

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third Year: An out-patient clinic is held once weekly, which affords an opportunity for instruction in small groups of students assigned in rotation from the general surgical and gynecological sections. The gynecological problems are under the supervision of Dr. Hundley and the general surgical conditions are under the direction of Dr. Ward.

In addition to dispensary work, five lectures in general oncology are given by Dr. Ward and staff to the entire class at the end of the year. The increasing importance of the cancer problem throughout the State, Nation and civilized world is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are reviewed. The histological classifications and gradation of neoplasms are outlined and the biophysical effects of irradiation therapy discussed. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are also discussed. Physics and practical application of radium is given. The diagnosis and treatment, both surgical and radiological, of neoplasms of the head and neck, oral cavity, skin, breasts and hemopoietic system are also covered.

Fourth Year: Each ward class meets for one and one-half hours once a week for five weeks with Dr. Ward and staff for demonstration and discussion of patients with neoplastic diseases.

Dr. Hundley and staff give instructions in the diagnosis and treatment of cancer of the generative organs during the regular gynecological courses in addition to the above mentioned dispensary instruction.

Third year	8 hours
Fourth year	16 hours
Total	24 hours

DENTISTRY

[1]Brice M. Dorsey	Professor of Oral Surgery
[1]Myron S. Aisenberg	Professor of Pathology

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[1] Faculty Member, School of Dentistry.

[1]Joseph C. Biddix, Jr.	Professor of Oral Diagnosis
[1]Kyrle W. Preis	Professor of Orthodontics
[1]Harry M. Robinson, Sr.	Professor of Dermatology
[1]Grayson W. Gaver	Professor of Dental Prosthesis
[1]Ernest B. Nuttall	Professor of Crown and Bridge
[1]Kenneth V. Randolph	Professor of Operative Dentistry
[1]Edward C. Dobbs	Professor of Pharmacology
George H. Yeager	Professor of Clinical Surgery
Grant E. Ward	Associate Professor of Surgery and Oral Surgery
[1]Hugh H. Hicks	Associate Professor of Periodontology
[1]Lewis C. Toomey	Associate Professor of Oral Surgery
George McLean	Assistant Professor of Medicine
[1]Wilbur O. Ramsay	Assistant Professor of Clinical Dental Prosthesis
[1]Samuel H. Bryant	Instructor in Oral Diagnosis
[1]Russell Gigliotti	Instructor in Clinical Oral Diagnosis
[1]Joseph P. Cappuccio	Instructor in Oral Surgery
[1]Conrad L. Inman	Instructor in Anesthesiology

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

INDUSTRIAL MEDICINE AND SURGERY

G. Carroll Lockard	Professor of Clinical Medicine
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thurston R. Adams	Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 48.

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[1] Faculty Member, School of Dentistry.

PLASTIC SURGERY

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Clarence P. Scarborough	Instructor in Plastic Surgery
Robert W. Johnson, III	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

SPEECH TRAINING CLINIC

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Ray Ehrensberger	Professor of Speech
Merle Ansberry	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

DEPARTMENT OF OBSTETRICS

Louis H. Douglass	Professor of Obstetrics, and Head of the Department
Emil Novak	Associate Professor of Obstetrics
J. Morris Reese	Associate Professor of Obstetrics
Isadore A. Siegel	Assistant Professor of Obstetrics
John E. Savage	Assistant Professor of Obstetrics
D. Frank Kaltreider	Assistant Professor of Obstetrics
Margaret B. Ballard	Associate in Obstetrics
Hugh B. McNally	Associate in Obstetrics
D. McClelland Dixon	Associate in Obstetrics
Osborne C. Christensen	Associate in Obstetrics
J. Huff Morrison	Instructor in Obstetrics
Kenneth B. Boyd	Assistant in Obstetrics
W. Kenneth Mansfield, Jr.	Assistant in Obstetrics
George H. Davis	Assistant in Obstetrics
Charles H. Doeller, Jr.	Assistant in Obstetrics
J. King B. E. Seegar, Jr.	Assistant in Obstetrics
Schuyler G. Kohn	Assistant in Obstetrics
Lorman L. Levinson	Assistant in Obstetrics
L. Calvin Gareis	Assistant in Obstetrics
Theodore Kardash	Assistant in Obstetrics

Third Year. The lectures and recitations consisting of three hours' teaching weekly are designed to cover the anatomy of the female generative tract and the bony pelvis, the physiology and development of the ovum and the physiology of pregnancy and labor. Following this the pathology of pregnancy, labor and the puerperium are taken up. Drs. Douglass, Reese, Siegel, Savage, and Dixon.

Each student spends time during his junior year at the Baltimore City Hospitals observing, assisting and finally delivering patients under strict supervision. Each student sees about twenty deliveries there, and does a considerable amount of the routine work.

The junior students are assigned as assistants to the seniors in the home delivery service and accompany them on deliveries.

Each student receives, in small groups, ten hours of instruction in palpation of patients and mensuration of the pelvis and demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year. At the weekly clinical conference, cases are presented and discussed and the student body is encouraged to offer opinions and to ask questions. There is no didactic teaching done, and an earnest effort is made to keep it, in every sense of the word, a conference. Dr. Douglass and associates.

The ward classes are held twice weekly for five weeks for each group. Various subjects are assigned and discussed, patients and their histories are presented. Drs. Reese, Novey, Savage and McNally.

Manikin instruction is given once a week. Drs. Dixon, Kaltreider and Doeller.

During the same five-week period, the students are sent into patients' homes to conduct deliveries under supervision of a senior member of the house staff and with the assistance of a graduate nurse. The student is held responsible for the complete conduct of each assigned case.

Each student spends thirty hours in the prenatal clinic, taking histories and examining patients under supervision.

Finally, the students are invited to attend the monthly meetings of The Committee on Maternal Mortality, where all maternal deaths occurring in Baltimore are openly discussed. *Hours*—Third year—148; Fourth year—102; total—250.

DEPARTMENT OF GYNECOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology, and Head of the Department
Thomas K. Galvin	Clinical Professor of Gynecology
Leo Brady	Assistant Professor of Gynecology
Edward P. Smith	Assistant Professor of Gynecology
William K. Diehl	Assistant Professor of Gynecology
Everett S. Diggs	Assistant Professor of Gynecology
Beverley C. Compton	Assistant Professor of Gynecology
John C. Dumler	Assistant Professor of Gynecology
Ernest I. Cornbrooks, Jr.	Assistant Professor of Gynecology
J. J. Erwin	Assistant Professor of Gynecology
John T. Hibbitts	Associate in Gynecology
Kenneth B. Boyd	Associate in Gynecology
Gerald A. Galvin	Associate in Gynecology
Thomas S. Bowyer	Instructor in Gynecology
Ernest S. Edlow	Instructor in Gynecology
W. Allen Deckert	Instructor in Gynecology

H. L. Granoff	Instructor in Gynecology
Theodore Kardash	Instructor in Gynecology
Charles B. Marek	Instructor in Gynecology
Helen I. Maginnis	Instructor in Gynecology
Charles H. Doeller, Jr.	Instructor in Gynecology
William A. Dodd	Instructor in Gynecology
Harry McB. Beck	Instructor in Gynecology
William C. Duffy	Instructor in Gynecology
Joseph C. Sheehan	Instructor in Gynecology
William J. Rysanek	Instructor in Gynecology
Harry F. Kane	Instructor in Gynecology
Robert B. Tunney	Instructor in Gynecology

Third Year. A course of thirty lectures and recitations is given to the whole class. In addition, a short course of lecture-demonstrations is given at the Baltimore City Hospitals, consisting of eight periods of one hour each, in which small groups of students are instructed in the fundamentals of gynecological diagnosis and examination.

Fourth Year. Operative clinics—lectures and demonstrations—are given six hours per week, for five weeks, to sections of the class.

Instruction in female urology is given. A small number of students may attend the cystoscopic dispensary which is held twice weekly.

The course in gynecology also includes instruction in the diagnosis and treatment of cancer of the generative organs. Small groups of students attend the oncological dispensary for additional work.

Third year	38 hours
Fourth year	74 hours
Total	112 hours

DEPARTMENT OF OPHTHALMOLOGY

F. Edwin Knowles, Jr.	Assistant Professor of Ophthalmology and Chairman of the Department,
Jonas Friedenwald	Lecturer in Ophthalmic Pathology
Joseph I. Kemler	Associate in Ophthalmology
Paul N. Friedman	Instructor in Ophthalmology
A. Kremen	Instructor in Ophthalmology
Cleo D. Stiles	Instructor in Ophthalmology
Ruby A. Smith	Instructor in Ophthalmology
D. J. McHenry	Instructor in Ophthalmology
F. E. Brumback	Instructor in Ophthalmology
Richard J. Cross	Instructor in Ophthalmology
Frederick M. Reese	Assistant in Ophthalmology

Third Year. Second semester. Dr. Friedman reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, is carried on during the entire session at the Baltimore Eye, Ear, and Nose Hospital.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, weekly, for one year. Dr. Knowles.

This course consists of lectures upon the diseases of the eye, with particular reference to their diagnosis and relation to general medicine. Special lectures will be given upon vascular changes in the eye and upon the pathology of the eye. Some operations will be demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Also daily demonstrations are given in the taking of histories and the diagnosis and treatment of the various conditions as seen in the dispensary. Drs. Knowles, Kemler, Kremen, Smith, McHenry, Brumback, Cross, Jeppi and Pacienza.

Third year	20 hours
Fourth year	104 hours
Total	124 hours

DEPARTMENT OF ROENTGENOLOGY

Walter L. Kilby	Professor of Roentgenology, and Head of the Department
Charles N. Davidson	Associate Professor of Roentgenology
Asa D. Young	Assistant Professor of Roentgenology
Stanley H. Macht	Assistant Professor of Roentgenology
Donald J. Barnett	Assistant Professor of Roentgenology
John M. Dennis	Fellow in Roentgenology

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year	8 hours
Fourth year	22 hours
Total	30 hours

DEPARTMENT OF ANAESTHESIOLOGY

Alfred T. Nelson	Assistant Professor of Anaesthesiology and Chairman of the Department
James Russo	Assistant in Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend twelve hours per week for two weeks observing and administering anaesthetics in the operating room.

Third year	10 hours
Fourth year	24 hours
Total	34 hours

HISTORY OF MEDICINE

Louis A. M. Krause	Professor of Clinical Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

ART AS APPLIED TO MEDICINE

Carl Dame Clarke	Associate Professor of Art as Applied to Medicine
Jane L. Bleakley	Assistant in Art as Applied to Medicine
Richard Dowell Grill	Assistant in Art as Applied to Medicine
Carl Christian Stein	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals.

Special courses of instruction are given to qualified students.

POSTGRADUATE COURSES

Committee on Postgraduate Studies

Howard M. Bubert, *Chairman and Director*
Sarah Cook, *Assistant Director*

Dietrich C. Smith, *1st Vice-chairman*
L. A. M. Krause, *2nd Vice-chairman*
Milton S. Sacks, *Secretary*
John A. Wagner
Otto C. Brantigan

John C. Krantz, Jr.
Eduard Uhlenhuth
Allen F. Voshell
J. Morris Reese
Wetherbee Fort

Mrs. Elizabeth Carroll, *Executive Secretary*

The Dean—*Ex Officio*

Calendar: Postgraduate courses are offered throughout the year.

The activities of the Postgraduate Committee during the past year, were mainly in the direction of improving its organization and establishing, upon a firm basis, the projects previously instituted.

Again, three extramural courses were given in different sections of the state; one in each of the following counties: Prince George's County at Cheverly; Wicomico County at Salisbury, and Frederick County at Frederick. Enrollment this year was 101, representing an increase of 3 over last year's 98. The Committee is of the opinion that it is impractical, with its present resources, to enlarge this endeavor to embrace the more distant points in the state, but it is considering the possibility of giving such a course in the Baltimore area, should the demand arise.

The Committee is still intensely interested in assisting in securing and training the house staffs of smaller hospitals throughout the state. However, this has proven to be a most complex problem, which has been made even more difficult of solution by the ever growing shortage of candidates for these positions. In view of the increasing demands of the armed services and the veterans administration, it would seem that this problem is going to become more difficult as time goes on, thus rendering a solution ever more necessary.

The following intramural courses have been continued successfully. However, it has been necessary in certain instances to make some upward adjustments of the tuition fees charged:

General Anatomy "A": This course is designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no hard and fast rule about either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content and duration.

Surgical Anatomy "B": This course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition $150.00.

Pathology "B": This course is designed to prepare candidates for certification in surgery, surgical specialties and internal medicine. Individuals will receive training in autopsy and surgical pathology. Minimum duration is full time, six months. Tuition: $150.00.

Pathology "C": (neurological) This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition: $200.00 plus $10.00 laboratory fee.

Gynecology and Obstetrics "A": This is a review for general practitioners. Duration is eighteen hours each of gynecology and obstetrics per week for twelve weeks. Tuition: $150.00.

GYNECOLOGY, ONCOLOGY AND FEMALE UROLOGY "B": This is a review designed primarily for the general practitioner. Duration is ten weeks, full time. Tuition: $125.00.

BASIC SCIENCES AS THEY APPLY TO OBSTETRICS AND GYNECOLOGY: This course is a review of the fundamentals of the basic sciences as they apply to Gynecology and Obstetrics and recent advances in these fields. It has been approved by the Postgraduate Survey Committee of the American Board of Obstetrics and Gynecology, and may be presented for six months' credit towards certification by the Board. Duration is 20 weeks fulll time, beginning early in October. Tuition: $375.00

The Committee hopes that it will be able to establish a course in the Basic Sciences as they apply to Clinical Medicine, in addition to those above mentioned.

Full descriptions of these courses are available. Inquiries should be addressed to the Post Graduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 22, 1949 TO JANUARY 28, 1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology 11-12 lecture *Bressler 2*		Orientation (Sept. 28–Oct. 12) 9-10 lecture *Adm. 1*	*Histology and Embryology 11-12 lecture *Bressler 2*		**Gross Anatomy** A. H. 9-11
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lectures *A.H.* (1-2) Daily and Laboratories *Bressler 1* (2-5) Daily					

* Course ends December 20, 1949.

SECOND SEMESTER, JANUARY 30 TO JUNE 10, 1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B		
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	
2.00 to 3.00	Neuro-Physiology *Bressler 2*	Neuro-Anatomy Lecture (2-3)	Biol. Chem. Conference *Adm. 1*	Neuro-Anatomy Lecture (2-3)	Biol. Chem. Conference *Adm. 1*	
3.00 to 5.00	Psychiatry (3-5) *C. H.*	Laboratory (3-5)		Laboratory (3-5)	Neuro-Physiology *Bressler 2* (3-4)	

Locations of Lecture Halls and Laboratories:
Adm. 1—First Floor, Administration Building, Lombard and Greene Streets.
A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.
Bressler Research Laboratory—29 S. Greene Street.
  Gross Anatomy—First Floor.
  Histology and Embryology—Second Floor.
  Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 22-28, 1950
Final Examinations—Begin May 29, 1950

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 22, 1949 TO JANUARY 28, 1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology *Bressler 2*	Physiology *Bressler 2*	Medicine *Bressler 2*	Physiology *Bressler 2*	Physiology *Bressler 2*	Psychiatry (10–11) *Adm. 1*
9.30 to 10.30	Physiology Conference *Bressler 2*	Bacteriology *Adm. 1*		Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis *C. H.*	
12.30	Lunch					
1.00 to 5.00	Pharm. Lect. (1–2) *Bressler 2* Pharmacology B Physiology A	Laboratory A Laboratory B		Pharmacology (1 to 4) B Physiology A	Laboratory A Laboratory B	

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 30 TO JUNE 10, 1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Surgery *Bressler 2*	Surgery *Bressler 2*	Surgical Anatomy *Bressler 2*	Medical Clinic *Amp.*	Physical Diagnosis *Adm. 1*	
9.30 to 10.30	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	Surgical Anatomy Laboratory *Bressler 1*		Pharmacology *Bressler 2*	Obstetrics *Bressler 2*
10.30 to 11.30	Pathology *C. H.*	Pathology *C. H.*		Pathology *C. H.*	Pathology *C. H.*	
11.30	Lunch					
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology Laboratory	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy *Adm. 1*	‖Immunology Laboratory		Pharmacology Laboratory *Sect. A*	Pharmacology Laboratory *Sect. B*	
3.00 to 5.00	Surgical Anatomy Laboratory *Bressler 1*		Optional period Pathology Immunology	Physical Diagnosis *Sect. B* (3.00–5.00) *U. H. D*	Physical Diagnosis *Sect. A* (3.00–5.00) *U. H. D.*	

‖ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First floor, Administration Building, Lombard and Greene Streets
C. H.—Chemical Hall, Lower Hall, Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor
U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.
Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 22–28, 1950
Final Examinations—Begin May 29, 1950

THIRD YEAR SCHEDULE

SEPTEMBER 22, 1949 TO JUNE 10, 1950

SCHEDULE 1

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 27 to May 15	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 29 to May 17	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H* †Anaesthesiology Mar. 18 to May 20 *Amp.*
9.30 to 10.00	Transfer to Baltimore City Hospitals					
10.00 to 12.00	Physical Diagnosis, Pathology, and Neurology at B. C. H.					
12.00 to 1.00	Transfer and Lunch	Transfer and Lunch	Lunch	Transfer and Lunch	Lunch	
1.00 to 2.00	(Whole Class) Nose & Throat, Urology, Otology, Proctology, Plastic Surgery *C. H.*	(Whole Class) *Gynecology †Eye—10 wks. Jan. 31 to Apr. 11 †Oncology —5 wks. Apr. 18 to May 23 *C. H.*	Medical Clinic *B. C. H.*	(Whole Class) Clinical Pathology *Bressler 2*	Obstetrical Clinic *B. C. H.*	
2.00 to 4.00	(Whole Class) Pathology Laboratory *31*		Surgery	(Whole Class) Clinical Pathology — Laboratory *Bressler 5*	Surgery	
4.00 to 5.00	(Whole Class) *Physical Diagnosis, *C. H.* †Legal Medicine †Psychiatry, *A. H.*	(Whole Class) Hygiene and Public Health *C. H.*	Orthopaedics Roentgenology *B. C. H.*		Orthopaedics *B. C. H.*	

* First Semester. † Second Semester.

THIRD YEAR SCHEDULE
SEPTEMBER 22, 1949 TO JUNE 10, 1950

SCHEDULE 2

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 27 to May 15	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 29 to May 17	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* Anaesthesiology Mar. 18 to May 20 *Amp.*
9.30 to 10.20	Pediatrics *C. H.*	*Medicine *C. H.*	*Medicine *C. H.*	*Therapeutics *C. H.*	*Medicine *C. H.*	Neurology *C. H.*
10.30 to 12.30	Operative Surgery—*Bressler 6* Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12.30 to 1.00	Lunch					
1.00 to 2.00	Same as Schedule 1		Medical Clinic *Amp.*	Same as Schedule 1	Psychiatry Dermatology U. H. Disp.	
2.00 to 4.00			Ophthalmoscopy (5 weeks) *B. E. H.* — Obstetrics (5 weeks) Univ. Hosp. Disp. — Otology (5 wks.) *Univ. Hosp.* *3-C*			
4.00 to 5.00					Obstetrics *Br. 2*	

* Pediatrics, January 17 to 20 and May 16 to 19, 1950.

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

Schedule Assignment

Periods	*Sections and Schedules*
September 22, 1949 to January 21, 1950	A-1, B-2
January 30 to May 20, 1950	B-1, A-2

Locations of Lecture Halls, etc.

A. H.—Anatomical Hall, Upper Hall, N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
Bressler—Bressler Building, 29 S. Greene Street.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
31—31 South Greene Street.
Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 22-28, 1950
Final Examinations—Begin May 22, 1950

FOURTH YEAR SCHEDULE

SEPTEMBER 22, 1949 TO MAY 27, 1950

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks)	Pediatrics (4 weeks)	Surgery and Surgical Specialties (8 weeks)	Obstetrics (2 weeks)
—	—	—	—
Neurology Cardiology Gastro-Enterology Metabolism Allergy	Psychiatry (4 weeks)	Urology Neuro Surgery Otology, Rhinology and Laryngology Orthopaedics	Gynecology Oncology (2 weeks)
—		—	—
Roentgenology		Roentgenology	Dermatology & Syphilology Ophthalmology Anesthesiology (4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter		3rd Quarter	
Sept. 22, 1949 to Nov. 19, 1949 (8 weeks)		Jan. 30, 1950 to March 25, 1950 (8 weeks)	
Groups 1, 2, 3, 4	to Division 1†	Groups 1, 2, 3, 4	to Division 3†
Groups 5, 6, 7, 8	to Division 2	Groups 5, 6, 7, 8	to Division 4
Groups 9, 10, 11, 12	to Division 3†	Groups 9, 10, 11, 12	to Division 1†
Groups 13, 14, 15, 16	to Division 4	Groups 13, 14, 15, 16,	to Division 2
2nd Quarter		4th Quarter	
Nov. 21, 1949 to Jan. 28, 1950 (8 weeks)		March 27, 1950 to May 27, 1950 (8 weeks)	
Groups 1, 2, 3, 4	to Division 2	Groups 1, 2, 3, 4	to Division 4
Groups 5, 6, 7, 8	to Division 3†	Groups 5, 6, 7, 8	to Division 1†
Groups 9, 10, 11, 12	to Division 4	Groups 9, 10, 11, 12	to Division 2
Groups 13, 14, 15, 16	to Division 1†	Groups 13, 14, 15, 16	to Division 3†

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* The curriculum is arranged in 4 divisions, and the senior class in 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups (20 students) assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. For simplicity students belonging to the 2 groups having the lowest numbers in these division assignments report to the University Hospital, for the 1st 4 weeks. The 2 groups with the highest numbers report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 4, 1949

Abraham, Robert Auman, B.S. Pennsylvania
Bachman, Leonard, B.S.......Maryland
Barnard, John William, B.S...Maryland
Belkin, Joseph William....Connecticut
Benjamin, William Philip, A.B. New York
Bennett, Sara Elizabeth, A.B. North Carolina
Blundell, Albert Edward.......Utah
Bradford, Edward.............Georgia
Cline, James Alexander, III..Nebraska
Deringer, Florence Hurtt, B.S. Maryland
Eubanks, Otha Albert, Jr. North Carolina
Forman, Robert Blaine........Oregon
Fravel, Charles Richard.....Virginia
Gill, Joseph Edward......Pennsylvania
Gorten, Martin Klaus, A.B. New Jersey
Gray, Harry Williams.......Maryland
Guido, Angelina, A.B....West Virginia
Harris, James Radcliffe..Pennsylvania
Henderson, Charles Thomas....Illinois
Humphreys, Charles Wesley, Jr. District of Columbia
Knabe, George William, Jr....Michigan
Lewis, Thomas Earl.......Pennsylvania
Lock, Burton Vernon........Maryland
London, Nathaniel Jacob.....Maryland
Longley, George Henry......Maryland
Lukens, James Thomas....Pennsylvania
Malcarney, Alberta Rose, A.B. California
Mattax, Harry McCoy.......Maryland
Matthews, Mary Elizabeth, B.S. North Carolina
May, Homer Woodrow, B.S. Pennsylvania
McCord, Charles Frederic....Indiana
Middleton, Edmund Bishop Rhode Island
Miller, Max Jay............Maryland
Moyer, John Lewis, III....Pennsylvania
Neumayer, Francis.......Pennsylvania
Newell, Josephine Evelyn North Carolina
Nicklas, Gilbert Lee, B.S....Maryland
Panzarella, John Henry....New York
Parelhoff, Merrill Elliott..Maryland
Pittman, Robert Raikes, A.B. North Carolina
Pleet, Jerome................Maryland
Raskin, Howard Frank.......Maryland
Riddel, Clifford Thurston, Jr., A.B. Virginia
Roehrig, Charles Burns..Massachusetts
Rosen, Robert Reuben, A.B. North Carolina
Sarewitz, Albert Bernard..New Jersey
Scher, Jordan Mayer, A.B....Maryland
Schnaper, Nathan, B.S........Maryland
Schreiber, Richard David......Illinois
Sherrard, Margaret Lee, A.B. West Virginia
Smith, Meredith Parks......Minnesota
Snider, Kenneth Bruce.........Texas
Spittel, John Allen, Jr., B.S...Maryland
Stahler, Earlin John.....Pennsylvania
Stanfield, Elwin Eugene....California
Steckler, Robert Joseph, A.B...Indiana
Stevenson, Edward Ward......Virginia
Strahan, John Franklin......Maryland
Tilley, Russell McFarlane, Jr. New York
Timanus, James Kyner...........Ohio
Tramer, Arnold..............Maryland
Trettin, Gene Douglas......Maryland
Warnock, Robert George........Ohio
Watson, Frank Yandle..North Carolina
Welch, Elbert Sylvester.....Alabama
Wolfe, Carolyn DeWitt, A.B. New Jersey
Ziegler, John Bosley, A.B....Maryland
Ziegler, Lillian Koch, B.S....Maryland

HONORS

UNIVERSITY PRIZE GOLD MEDAL

JOHN ALLEN SPITTEL, JR.

CERTIFICATES OF HONOR

HARRY McCOY MATTAX
MERRILL ELLIOTT PARELHOFF
ALBERT BERNARD SAREWITZ
NATHAN SCHNAPER
GEORGE HENRY LONGLEY

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

HARRY McCOY MATTAX

THE WILLIAM D. WOLFE MEMORIAL PRIZE AND CERTIFICATE OF PROFICIENCY

CHARLES RICHARD FRAVEL

INTERNSHIPS—GRADUATES OF JUNE 4, 1949

July 1, 1949–June 30, 1950

Abraham, Robert Auman	University Hospital, Baltimore, Md.
Bachman, Leonard	University Hospital, Baltimore, Md.
Barnard, John William	South Baltimore General Hospital, Baltimore, Md.
Belkin, Joseph William	St. Vincent's Hospital, Bridgeport, Conn.
Benjamin, William Philip	New York City Hospital, Welfare Island, N. Y.
Bennett, Sara Elizabeth	West Baltimore General Hospital, Baltimore, Md.
Blundell, Albert Edward	Kings County Hospital, Brooklyn, N. Y.
Bradford, Edward	Orange Memorial Hospital, Orlando, Fla.
Cline, James Alexander, III	Mercy Hospital, Baltimore, Md.
Deringer, Florence Hurtt	St. Vincent's Hospital, Bridgeport, Conn.
Eubanks, Otha Albert, Jr.	Baptist Memorial Hospital, Memphis, Tenn.
Forman, Robert Blaine	South Baltimore General Hospital, Baltimore, Md.
Fravel, Charles Richard	Mercy Hospital, Baltimore, Md.
Gill, Joseph Edward	U. S. Naval Hospital, Newport, R. I.
Gorten, Martin Klaus	Newark City Hospital, Newark, N. J.
Gray, Harry Williams	Garfield Memorial Hospital, Washington, D. C.
Guido, Angelina	University of Pittsburgh Medical Center, Pittsburgh, Penna.
Harris, James Radcliffe	Marine Hospital, Baltimore, Md.
Henderson, Charles Thomas	University Hospital, Baltimore, Md.
Humpheys, Charles Wesley, Jr.	Garfield Memorial Hospital, Washington, D. C.
Knabe, George William, Jr.	Baltimore City Hospitals, Baltimore, Md.
Lewis, Thomas Earl	Hurley Hospital, Flint, Mich.
Lock, Burton Vernon	Mercy Hospital, Baltimore, Md.
London, Nathaniel Jacob	Boston City Hospital, Boston, Mass.
Longley, George Henry	St. Vincent's Hospital, Bridgeport, Conn
Lukens, James Thomas	St. Vincent's Hospital, Bridgeport, Conn.
Malcarney, Alberta Rose	Baltimore City Hospitals, Baltimore, Md
Mattax, Harry McCoy	Jersey City Medical Center, Jersey City, N. J.
Matthews, Mary Elizabeth	Mercy Hospital, Baltimore, Md.
May, Homer Woodrow	Mercy Hospital, Baltimore, Md.
McCord, Charles Frederic	Edward W. Sparrow Hospital, Lansing, Mich.
Middleton, Edmund Bishop	University Hospital, Baltimore, Md.
Miller, Max Jay	Sinai Hospital, Baltimore, Md.
Moyer, John Lewis, III	George F. Geisinger Memorial Hospital, Danville, Penna.
Neumayer, Francis	Bryan Memorial Hospital, Lincoln, Nebr.
Newell, Josephine Evelyn	Rex Hospital, Raleigh, N. C.
Nicklas, Gilbert Lee	U. S. Naval Hospital, Portsmouth, Va.
Panzarella, John Henry	Mercy Hospital, Baltimore, Md.
Parelhoff, Merrill Elliott	Jewish Hospital of Brooklyn, Brooklyn, N. Y.
Pittman, Robert Raikes	Alleghany General Hospital, Pittsburgh, Penna.
Pleet, Jerome	South Baltimore General Hospital, Baltimore, Md.
Raskin, Howard Frank	Mercy Hospital, Baltimore, Md.
Riddel, Clifford Thurston	Mercy Hospital, Baltimore, Md.
Roehrig, Charles Burns	Boston City Hospital, Boston, Mass.
Rosen, Robert Reuben	Michael Reese Hospital, Chicago, Ill.

Sarewitz, Albert Bernard	Philadelphia General Hospital, Philadelphia, Penna.
Scher, Jordan Mayer	Chelsea Naval Hospital, Boston, Mass.
Schnaper, Nathan	Marine Hospital, Baltimore, Md.
Schreiber, Richard David	St. Francis Hospital, Pittsburgh, Penna.
Sherrard, Margaret Lee	Mercy Hospital, Baltimore, Md.
Smith, Meredith Parks	St. Luke's Hospital, Chicago, Ill.
Snider, Kenneth Bruce	Garfield Memorial Hospital, Washington, D. C.
Spittel, John Allen, Jr.	Mercy Hospital, Baltimore, Md.
Stahler, Earlin John	Allentown Hospital, Allentown, Penna.
Stanfield, Elwin Eugene	White Memorial Hospital, Los Angeles, Calif.
Steckler, Robert Joseph	San Joaquin Valley General Hospital, French Camp, Calif.
Stevenson, Edward Ward	Baptist Memorial Hospital, Memphis, Tenn.
Strahan, John Franklin	University Hospital, Baltimore, Md.
Tilley, Russell McFarlane, Jr.	Garfield Memorial Hospital, Washington, D. C.
[4]Timanus, James Kyner	St. Luke's Hospital, Cleveland, Ohio
Tramer, Arnold	Sinai Hospital, Baltimore, Md.
Trettin, Gene Douglas	Mercy Hospital, Baltimore, Md.
Warnock, Robert George	Youngstown Hospital Asso., Youngstown, Ohio
Watson, Frank Yandle	Charlotte Memorial Hospital, Charlotte, N. C.
Welch, Elbert Sylvester	Jefferson-Hillman Hospital, Birmingham, Ala.
Wolfe, Carolyn DeWitt	Charlotte Memorial Hospital, Charlotte, N. C.
Ziegler, John Bosley	U. S. Marine Hospital, Norfolk, Va.
Ziegler, Lillian Koch	U. S. Marine Hospital, Norfolk, Va.

MATRICULATES

SENIOR CLASS, SEPTEMBER 16, 1948 TO JUNE 4, 1949

Abraham, Robert Auman, *B.S., Franklin and Marshall College, 1945*	Pennsylvania
Bachman, Leonard, *B.S., Franklin and Marshall College, 1946*	Maryland
Barnard, John William, *B.S., Milligan College, 1937*	Maryland
Belkin, Joseph William, *College of the Holy Cross*	Connecticut
Benjamin, William Philip, *A.B., Brooklyn College, 1943*	New York
Bennett, Sara Elizabeth, *A.B., Randolph-Macon, 1930; University of North Carolina School of Medicine, September 1945–June 1947*	North Carolina
Blundell, Albert Edward, *Temple University*	Utah
Bradford, Edward, *West Virginia College; University of North Carolina; University of North Carolina School of Medicine, September 1945–June 1947*	Georgia
Cline, James Alexander, III, *University of Pennsylvania*	Nebraska
Deringer, Florence Hurtt, *B.S., Washington College, 1945*	Maryland
Eubanks, Otha Albert, Jr., *Duke University*	North Carolina
Forman, Robert Blaiee, *University of Oregon*	Oregon
Fravel, Charles Richard, *Cornell University*	Virginia
Gill, Joseph Edward, *Union College*	Pennsylvania
Gorten, Martin Klaus, *A.B., Western Maryland College, 1943*	New Jersey
Gray, Harry Williams, *Duke University*	Maryland
Guido, Angelina, *A.B., West Virginia University, 1945; West Virginia University School of Medicine, September 1945–June 1947*	West Virginia
Harris, James Radcliffe, *Temple University*	Pennsylvania
Henderson, Charles Thomas, *The Johns Hopkins University*	Illinois
Humphreys, Charles Wesley, Jr., *Duke University*	District of Columbia
Knabe, George William, Jr., *The Johns Hopkins University*	Michigan
Lewis, Thomas Earl, *Pennsylvania State College*	Pennsylvania
Lock, Burton Vernon, *The Johns Hopkins University*	Maryland
London, Nathaniel Jacob, *The Johns Hopkins University*	Maryland

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[4] Did not Report—Illness.

Longley, George Henry, *University of Minnesota*........................Maryland
Lukens, James Thomas, *Vanderbilt University*........................Pennsylvania
Malcarney, Alberta Rose, *A.B., University of Southern California, 1944*....California
Mattax, Harry McCoy, *Western Maryland College*........................Maryland
Matthews, Mary Elizabeth, *B.S., North Carolina State 1936; M.S., University of North Carolina, 1945; University of North Carolina, School of Medicine, September 1945–June 1947*..................................North Carolina
May, Homer Woodrow, *B.S., University of Pittsburgh, 1944*............Pennsylvania
McCord, Charles Frederic, *Pennsylvania State College*....................Indiana
Middleton, Edmund Bishop, *The Johns Hopkins University*............Rhode Island
Miller, Max Jay, *University of Richmond*..............................Maryland
Moyer, John Lewis, III, *University of Minnesota*.....................Pennsylvania
Neumayer, Francis, *University of Maryland*...........................Pennsylvania
Newell, Josephine Evelyn, *University of the State of South Carolina*...North Carolina
Nicklas, Gilbert Lee, *B.S., Franklin and Marshall College, 1946*............Maryland
Panzarella, John Henry, *Fordham University*..........................New York
Parelhoff, Merrill Elliott, *University of Maryland*......................Maryland
Pittman, Robert Raikes, *A.B., Wake Forest College, 1937; University of North Carolina, School of Medicine, September 1945–June 1947*........North Carolina
Pleet, Jerome, *Stanford University, University of Texas School of Medicine, September 1945–May 1946*..Maryland
Raskin, Howard Frank, *The Johns Hopkins University*..................Maryland
Riddel, Clifford Thurston, Jr., *A.B., Bridgewater College, 1933*..............Virginia
Roehrig, Charles Burns, *Vanderbilt University*....................Massachusetts
Rosen, Robert Reuben, *A.B., University of North Carolina, 1945; University of North Carolina, School of Medicine, September 1945–June 1947*...North Carolina
Sarewitz, Albert Bernard, *University of Pennsylvania*................New Jersey
Scher, Jordan Mayer, *A.B., Wesleyan University, 1946*....................Maryland
Schnaper, Nathan, *B.S., Washington College*.............................Maryland
Schreiber, Richard David, *Bethany College*...............................Illinois
Sherrard, Margaret Lee, *A.B., Seton Hill College, 1945*..............West Virginia
Smith, Meredith Parks, *St. Lawrence University*.......................Minnesota
Snider, Kenneth Bruce, *University of Maryland*...........................Texas
Spittel, John Allen, Jr., *B.S., Franklin and Marshall College, 1944*..........Maryland
Stahler, Earlin John, *University of Maryland*........................Pennsylvania
Stanfield, Elwin Eugene, *University of Pennsylvania*...................California
Steckler, Robert Joseph, *A.B., Evansville College, 1943*....................Indiana
Stevenson, Edward Ward, *Duke University*..............................Virginia
Strahan, John Franklin, *Duke University*...............................Maryland
Tilley, Russell McFarlane, Jr., *University of Rochester*................New York
Timanus, James Kyner, *Oberlin College*..................................Ohio
Tramer, Arnold, *University of Maryland*................................Maryland
Trettin, Gene Douglas, *Ursinus College*................................Maryland
Warnock, Robert George, *Bates College*...................................Ohio
Watson, Frank Yandle, *Duke University*..........................North Carolina
Welch, Elbert Sylvester, *Duke University*...............................Alabama
Wolfe, Carolyn DeWitt, *A.B., Hollins College, 1945*.................New Jersey
Ziegler, John Bosley, *A.B., Gettysburg College, 1942*.....................Maryland
[3]Ziegler, Lillian Koch, *B.S., University of Maryland*...................Maryland

JUNIOR CLASS, SEPTEMBER 16, 1948 TO JUNE 4, 1949

Anderson, William Andrew, *The Johns Hopkins University*................Maryland
Bacon, John Louis, *Wagner College*....................................New York
Bagley, Charles, *B.S., Loyola College, 1945*..............................Maryland
Baumann, Wilbur Nelson, *University of Maryland*........................Maryland
Bisgyer, Jay Lewis, *University of Pennsylvania*..................District of Columbia
Bleecker, Harry Harlan, Jr., *University of California*..................California
Borges, Francis Joseph, *University of Maryland*.........................Maryland
Bradshaw, Raymond, Jr., *B.S., University of Maryland, 1943*..............Maryland
Bronushas, Joseph Benedict B., *B.S., Loyola College, 1946*................Maryland
Burkey, Fred Jamison, *St. Francis College*...............................Maryland

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[3] Returned to Senior Class for Session September 17, 1948–June 4, 1949.

Chelton, Louis Guy, *Gettysburg College*.................................Maryland
Coller, Jerome Joel, *A.B., The Johns Hopkins University, 1946*............Maryland
Corpenning, Tom Nye, *University of North Carolina*..................North Carolina
Cowen, Joseph Robert, *The Johns Hopkins University*...................Maryland
Cracraft, William Atkinson, *B.S., Virginia Military Institute, 1939*....West Virginia
Daly, Harold Lawrence, Jr., *University of Maryland*...................Maryland
Daly, Miriam Abbott Shamer, *A.B., Goucher College, 1946*...............Maryland
Deitz, Leonard Loeb, *A.B., University of North Carolina, 1946*............Maryland
Demarest, Elinor Weed, *A.B., Randolph-Macon Woman's College, 1946*......Maryland
Demarest, Lawrence Mann, *B.S., Bowdoin College, 1945*................New York
Demmy, Nicholas, *B.S., University of Pittsburgh, 1942*.................Pennsylvania
Edmunds, Frederick Thomas, *B.S., Hampden-Sydney College, 1941*....West Virginia
Googins, Charles George, *B.S., University of Maryland*......................Kansas
Gould, Virginia Marie, *B.S., Nazareth College, 1941*....................New York
Greenstein, George Herbert, *A.B., The Johns Hopkins University, 1941*....Maryland
Hamberry, Leonard Gerard, *A.B., Loyola College, 1940*..................Maryland
Hawkins, George Kenneth, *B.S., Upsala College, 1943*..................New Jersey
Healy, John Clauson, *University of Connecticut*......................Connecticut
Henson, Stanley Willard, Jr., *B.S., Oklahoma A. & M. College, 1945*.......Maryland
Heuman, Philip Walter, *B.S., University of Michigan, 1941*................Maryland
Hofsteter, Grace, *College of Wooster*.......................................Ohio
Hoyt, Irvin Gorman, *A.B., St. Johns College, Annapolis, 1939*..............Maryland
Huffer, Sarah Virginia, *B.S., University of Maryland, 1940*...............Maryland
Husted, Harriet Lamont, *A.B., Wells College, 1944*....................New Jersey
Hyle, John Charles, *B.S., Loyola College, 1942*..........................Maryland
Ibsen, Maxwell, *A.B., The Johns Hopkins University, 1939; A.M., University of Pennsylvania, 1940*.....................................Pennsylvania
Iten, George Joseph, *A.B., Goshen College, 1946*........................California
Jensen, Roy David, *B.S., University of Nevada, 1941*.......................Nevada
Kasik, Frank Thomas, *University of Maryland*............................Maryland
Kelley, Gordon William, *University of Maryland*.........................Maryland
Knight, Virgil Ellis, *A.B., University of Missouri, School of Medicine, Sept. 1946 to June 1948*...Missouri
Kuehn, Frank Gustav, *A.B., University of North Carolina, School of Medicine, Sept. 1946 to June 1948*...Maryland
Lewis, Thomas Franklin, Jr., *A.B., Western Maryland College, 1941*.........Maryland
Lichtenberg, Joseph David, *A.B., The Johns Hopkins University, 1943*.......Maryland
Martin, George William, Jr., *University of Delaware*.....................Delaware
McElvain, Wilbert Harding, *B.S., Grove City College, 1943*............Pennsylvania
Medairy, Mary Veronica, *A.B., College of Notre Dame, 1943*..............Maryland
Miller, Dorothea Anna, *B.S., Washington College, 1946*..................Maryland
Miller, Robert Eugene, *A.B., Bridgewater College, 1943*..................Maryland
Neal, Hunter Shainline, *Vanderbilt University*†......................Pennsylvania
Noguera, Julio Tomas, *University of Puerto Rico*.......................Puerto Rico
O'Malley, Joseph Edward, *Colby College*.................................Maryland
Poling, Evangeline, *A.B., West Virginia University, 1945; A.M., Columbia University, 1946*...West Virginia
Rever, William Benjamin, Jr., *Cornell University*........................Maryland
Reynaud, Louis Favrot, Jr., *Emory University*.............................Illinois
Richardson, Paul Frederick, *Baylor University*...........................Maryland
Righetti, Milton Raymond, *University of California*.....................California
Roth, Oliver Ralph, *University of Maryland*..............................Maryland
Rubin, Seymour Howard, *A.B., The Johns Hopkins University, 1946*.......Maryland
Rudy, Norman Edward, *Fresno State College*.............................California
Sandler, Robert, *B.S., University of Maryland, 1943*......................Maryland
Setterstrom, Sarah Anetta, *B.S., George Washington University, 1946*.....Maryland
Shepherd, Frederick Parker, *A.B., Syracuse University, 1935*.............Maryland
Simmons, Frederic Rudolph, Jr., *B.S., Loyola College, 1946*...............Maryland
Sires, William Oscar, *Western Maryland College*..........................Maryland
Sklar, Allen Leon, *Western Maryland College*............................Maryland
Smith, Morton, *University of Maryland*..................................Maryland
Sosnowski, Andrew Raymond, *B.S., Loyola College, 1945*..................Maryland
Spaulding, Raymond Charles, Jr., *B.S., John B. Stetson University, 1943*......Florida
Startzman, Henry Hollingsworth, Jr., *Loyola College*.....................Maryland

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† Was in attendance as Sophomore 1947–48, but was not so listed.

Storm, Mary Elizabeth, *A.B., Swarthmore College, 1946*..................Maryland
Sulka, Casimir Michael, *Loyola College*......................................Illinois
Thibadeau, Robert Torndorff, *B.S., University of Maryland, 1945*.........Maryland
Thompson, William Wesley, *B.S., Washington College, 1938*................Maryland
Toms, Bate Carpenter, Jr., *B.S., University of North Carolina, School of Medicine, Sept. 1946 to June 1948*..........................North Carolina
Upton, Albert Louis, *A.B., University of California, 1942*.................California
Van Goor, Kornelius, *Calvin College*............................New Jersey
Vicens, Enrique A., *University of Puerto Rico*............................Puerto Rico
White, Fowler Felix, *B.S., Trinity College, 1942*..........................Connecticut
Wilson, Clifford Edward, Jr., *Bowdoin College*..........................Connecticut
Wolf, Ernest Simon, *University of Maryland*..............................Maryland
Yeager, William Howard, Jr., *B.S., University of Maryland, 1944*..........Maryland

SOPHOMORE CLASS, SEPTEMBER 16, 1948 TO JUNE 4, 1949

Arthur, Robert Key, Jr., *Mercer University*..............................Georgia
Barthel, John Paul, *Western Maryland College*...........................Maryland
Beardsley, Earl Miller, *University of Maryland*..........................Maryland
Bell, Arthur Keith, *A.B., Oberlin College, 1947*............................Maryland
Bilder, Joseph, Jr., *B.S., University of Akron, 1944*............................Ohio
Birely, Beverly Robert, *University of Maryland*..........................Maryland
Blades, Nancy, *A.B., Connecticut College, 1947*..........................New Jersey
Bossard, John Wesley, *A.B., Duke University, 1947*......................Maryland
Brannon, John Vandale, *Fairmont College*.........................West Virginia
Buell, John Russell, Jr., *University of Maryland*..........................Maryland
Christopher, Russell Lee, *A.B., Bowdoin College, 1947*...............Massachusetts
Clemmens, Raymond Leopold, *B.S., Loyola College, 1947*..................Maryland
Coffman, Kaohlin Miner, *A.B., Western Maryland College, 1947*........Pennsylvania
Cohen, Solomon, *A.B., University of Denver, 1947*........................Maryland
Curanzy, Raymond Ralph, *Juniata College*............................Pennsylvania
Deckelbaum, Joseph, *University of Maryland*..............................Maryland
Dettbarn, Ernest Albert, *B.S., Randolph-Macon, 1947*....................Maryland
Donner, Leon, *B.S., State Teachers College, 1942*.........................Maryland
Dudley, Winston Clark, *A.B., Oberlin College, 1943*...................Massachusetts
Dunn, George Mitchell, Jr., *George Washington University*....District of Columbia
Edwards, David Everett, *University of Maryland*...............District of Columbia
Edwards, William Hunter, Jr., *A.B., Johns Hopkins University, 1940*......Maryland
Esmond, William George, *B.S., University of Maryland, 1940*..............Maryland
Evans, Otis Druell, Jr., *B.S., Davidson College, 1947*.................North Carolina
Ferguson, Charles Kirkpatrick, *Muskingum College*.........................Kansas
Fitzgerald, Joseph Carroll, *Middlebury College*..........................Maryland
Fullilove, Jack, *University of Georgia*...Georgia
Gallaher, James Patrick, *Ohio Wesleyan University*..................West Virginia
Garcia-Palmieri, Mario Ruben, *University of Puerto Rico*..............Puerto Rico
Gates, John Butler, *University of Wisconsin*...............................Wisconsin
Gordon, Benjamin Dichter, *Amherst College*..........................New York
Hatem, Frederick Joseph, *Georgetown University*..........................Maryland
Hopkins, Robert Charles, *B.S., Allegheny College, 1946*...............Pennsylvania
Johnson, Frederick Miller, *B.S., University of Maryland, 1943*...District of Columbia
Johnson, Wallace Edward, *Wesleyan University*...................New Hampshire
Kaschel, Paul Edward, *A.B., Wheaton College, 1947*.....................New Jersey
Kindt, Willard Freed, *Muhlenberg College*.............................Pennsylvania
King, Victor Francis, *University of Maryland*...............................Maryland
Kipnis, David Morris, *A.B., Johns Hopkins University, 1945*................Maryland
Knipp, Harry Lester, *Loyola College*...Maryland
Kramer, Howard Calvin, *University of Maryland*...........................Maryland
Lamb, William Eugene, *B.S., University of Florida, 1947*......................Florida
Lanning, Theodore Reuney, *B.S., Springfield College*...................New Jersey
Leibman, Jack, *A.B., Johns Hopkins University, 1947*.......................Maryland
Ley, Leo Henry, Jr., *St. Mary's College of Maryland*.......................Maryland
Lister, Leonard Melvin, *Loyola College*......................................Maryland
Love, Robert George, *B.S., Massachusetts State College, 1947*.........Massachusetts
MacDonald, James Melvin, *B.S., Loyola College, 1947*......................Maryland
McFadden, Earl Boyd, *B.S., University of Maryland, 1947*.................Maryland
McFadden, John William, *Mt. Union College*.......................................Ohio

McGrady, Charles Winifred, Jr., *A.B., Emory University, 1947*	Georgia
Mendez-Bryan, Ricardo Tomas, *University of Puerto Rico*	Puerto Rico
Metcalf, John Shelby, Jr., *University of California*	California
Mosser, Robert Schaaf, *University of Maryland*	Maryland
Mutter, Arthur Zelig, *Franklin & Marshall*	Maryland
Myers, Donald Johnson, *B.S., Bethany College, 1934*	Ohio
Nygren, Edward Joseph, *A.B., Western Maryland College, 1947*	Maryland
Orth, John Stambaugh, *University of Maryland*	Maryland
Packard, Douglas Richard, *University of Maryland*	Maryland
Pencheff, Dorris Marie, *A.B., University of California, 1946*	California
Perilla, Frank Robert, *B.S., University of Maryland*	Maryland
Perry, Henry David, Jr., *A.B., Emory University, 1947*	Florida
Reeser, Guy McClelland, Jr., *A.B., Western Maryland College, 1947*	Maryland
Reeves, Henry Gray, Jr., *B.S., Wake Forest College, 1947*	North Carolina
Reilly, Kathleen Margaret, *B.S., Long Island University, 1947*	New York
Rex, Eugene Braiden, *Vanderbilt College*	Colorado
Reynolds, Georgia, *A.B., Western Maryland College, 1947*	Maryland
[1]Rice, Robert Milton, *B.S., Dickinson College, 1947*	Maryland
Rombro, Marvin Jay, *A.B., Bucknell University, 1947*	Maryland
Rowland, Harry Shepard, Jr., *A.B., Wesleyan University, 1947*	New Jersey
Saavedra-Amador, Armando, *University of Puerto Rico*	Puerto Rico
Scott, Roger David, *University of Virginia*	Florida
Scully, John Thorsen, *Indiana University*	Indiana
Shea, William Harold Holland, *B.S., Loyola College*	Maryland
Sherry, Samuel Norman, *University of Maryland*	Maryland
Sipple, Edward N., *Earlham College*	Maryland
Skipton, Roy Kennedy, *B.S., University of Maryland, 1942*	Maryland
Solomon, David Milton, *University of Maryland*	Maryland
Stone, John Hoskins, *University of Maryland*	Maryland
Tobias, Richard Boyd, *B.S., Bucknell University, 1947*	Pennsylvania
Twigg, Homer Lee, Jr., *University of Maryland*	Maryland
Udel, Melvin, *A.B., University of Maryland*	Maryland
Venrose, Robert James, *A.B., University of Michigan, 1946*	Ohio
Watson, Charles Polk, Jr., *A.B., West Virginia University, 1947*	West Virginia
Weekley, Robert Dean, *B.S., Heidelberg College, 1947*	Ohio
Wheelwright, Harvey Prarse, *Brigham Young University*	Utah
Williams, Charles Ray, *A.B., Gettysburg College, 1947*	Maryland
York, Shelley Clyde, Jr., *B.S., Guilford College*	North Carolina
Young, Calvin Lessey, *A.B., Haverford College, 1947*	Maryland

FRESHMAN CLASS, SEPTEMBER 16, 1948 TO JUNE 4, 1949

Adams, Charles Baird, Jr., *University of Maryland*	Maryland
Adelstein, Benjamin Alfred, *A.B., University of Pennsylvania, 1948*	Pennsylvania
Adkins, Charles Glen, *West Virginia University*	West Virginia
Ahlquist, Richard Elmer, Jr., *A.B., Stanford University, 1948*	Washington
Alderman, George Carl, Jr., *Loyola College*	Maryland
[1]Allen, James Leon, *A.B., West Virginia University, 1948*	West Virginia
Andrews, James William, *B.S., Muskingum College, 1948*	Ohio
[1]Armstrong, Thomas Henry, *A.B., St. Anselm's College, 1948*	New Hampshire
Atkins, Raymond Melvin, *University of Maryland*	Maryland
Bakal, Daniel, *B.S., Loyola College, 1948*	Maryland
Baker, Timothy Danforth, *A.B., Johns Hopkins University, 1948*	Maryland
Bergofsky, Edward Harold, *University of Maryland*	Maryland
Berrios, Osvaldo, *University of Puerto Rico*	Puerto Rico
Bridges, Jack Arthur, *University of Maryland*	Maryland
Brooks, James Burch, *B.S., Loyola College, 1948*	Maryland
Brown, William Morris, Jr., *A.B., Mercer University, 1948*	Georgia
[2]Buchness, George Franklin, *B.S., Loyola College, 1948*	Maryland
Carroll, John Edward, Jr., *Loyola College*	Maryland
Clyman, Daniel, *B.S., University of Maryland, 1948*	Maryland

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[1] Did not complete the year.

[2] Withdrew September 17, 1948.

Cohen, Phin, *Duke University*	Maryland
Culpepper, Stuart Pitner, *B.S., University of Georgia, 1948*	Florida
[1]Delea, Catherine Sophia, *A.B., College of Notre Dame of Maryland, 1948*	Maryland
Devlin, Andrew Joseph, *B.S., Gonzaga University, 1948*	Washington
DiGiovanni, Anthony John, *A.B., Johns Hopkins University, 1948*	Maryland
Douglas, Robert Arnold, *B.S., J. B. Stetson University, 1948*	Florida
Douglass, Robert Corl, Jr., *B.S., University of Toledo, 1947*	Ohio
Dunford, William Stanley, Jr., *B.S., Brigham Young University, 1948*	Utah
Eakle, Burke Eldridge, *West Virginia University*	West Virginia
Eckert, Herbert Lewis, *University of Maryland*	Maryland
Egbert, Lawrence Deems, Jr., *A.B., Johns Hopkins University, 1948*	Maryland
Elgin, Lee William, Jr., *University of Florida*	Florida
Elliott, Charles Stanley, *Emory University*	Florida
Feski, Joseph Paul, *University of Pittsburgh*	Pennsylvania
Fine, Jack, *University of Maryland*	Maryland
Foley, Michael Joseph, *West Virginia University*	West Virginia
Fritz, Louis Albert, *B.S., Loyola College, 1948*	Maryland
[1]Fuccy, Mary Russell, *A.B., College of Notre Dame of Maryland, 1948*	West Virginia
Gebhardt, Robert William, *University of Maryland*	Maryland
Gislason, Paul Harold, *A.B., University of North Dakota, 1948*	North Dakota
Gonzalez, Luis Felipe, *University of Maryland*	Puerto Rico
Gore, Jay Calvin, *A.B., Western Maryland College, 1948*	Maryland
Grabill, James Rodney, *Georgetown University, American University*	Maryland
Graybeal, Clarence Edward, *University of Maryland*	Maryland
Greco, William Richard, *University of Notre Dame, University of Maryland*	Maryland
Grubb, Robert Alvin, *University of Maryland*	Maryland
Hankoff, Leon Dudley, *University of Maryland*	Maryland
Heimer, William Lenox, *B.S., University of Maryland, 1948*	Maryland
Holmes, Charles Martin, *University of Miami*	Maryland
[1]Hopkins, Thomas Chattle, Jr., *B.S., Washington College, 1948*	Maryland
Houck, Romulus Vance, Jr., *University of Maryland*	Maryland
Hudgins, William Baird, *A.B., Emory University, 1948*	Georgia
Hunter, DeWitt Talmadge, Jr., *B.S., U. S. Naval Academy, 1945, University of Maryland*	Virginia
Hyatt, Irvin, *University of Maryland*	Maryland
Keller, Franklin Lloyd, *A.B., Gettysburg College, 1945*	Maryland
Kline, Frank Menefee, *University of Maryland*	Maryland
Knell, Joseph Anthony, Jr., *A.B., Loyola College, 1948*	Maryland
Krager, John Martin, *B.S., Loyola College, 1948*	Maryland
Kramer, Irving, *New York University*	Maryland
Krieger, Morton Morris, *Maryland State Teachers College, University of Maryland*	Maryland
Lapp, Herbert Walter, *Seton Hall College*	New Jersey
Lightbody, Charles Harry, *A.B., Colby College, 1948*	Maine
Mathews, William Allen, *Westminster College, Wittenberg College*	Ohio
McKay, John Nelson, *Ohio Wesleyan University, Gettysburg College*	Maryland
Mullins, Laurel Virginia, *A.B., Westhampton College*	Maryland
Olsen, Richard Young, *A.B., University of California, 1948*	California
Perry, Benton Bloch, *B.S., University of Chicago, 1947, University of Maryland*	Maryland
Pillsbury, William Andrew, Jr., *University of Oregon, Loyola College*	Maryland
Potter, Vance Edward, *Potomac State, University of Maryland*	Maryland
Rabinowich, Malcolm Lee, *University of Maryland*	Maryland
Ramirez-Santisteban, Gilberto, *University of Puerto Rico*	Puerto Rico
Rappeport, Jonas Ralph, *University of Maryland*	Maryland
Rasmussen-Taxdal, David Samuel, *Lehigh Univ., Bucknell, Cornell and University of Maryland*	Pennsylvania
Reed, Julian Ward, *Miami University, University of Maryland*	Maryland
[1]Reynolds, Charles Emory, Jr., *A.B., Gettysburg College, 1948*	Maryland
Rosson, William Daniel, *University of Maryland*	Maryland

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[1] Did not complete the year.

Schimmel, Bella Faye, *B.S., University of Michigan, 1948*..................Maryland
Sharrett, John Oliver, *University of Virginia*..............................Maryland
Shoff, Mahlon James, *A.B., University of Delaware, 1948*..................Delaware
Sindler, Richard Arnold, *A.B., Johns Hopkins University, 1948*............Maryland
Smith, George Herbert, *A.B., Clark University, 1948*..........................Maine
[1]Smock, Walter Wilson, *University of Scranton*......................Pennsylvania
Smoot, Aubrey Cannon, Jr., *University of Delaware*......................Delaware
Spritz, Norton, *A.B., Johns Hopkins University, 1948*...................Maryland
Stambler, Alvin Abraham, *University of Maryland*......................Maryland
Stovall, Robert McRae, Jr., *Idaho State College*............................Idaho
Thomas, Quinten Moore, *A.B., University of California, 1948*............California
Trace, Robert James, *University of Wisconsin*..........................Wisconsin
Traugott, Ursula Erika, *A.B., Wellesley College, 1948*..................Maryland
Vicens, Carlos Nathaniel, *B.S., University of Puerto Rico, 1948*..........Puerto Rico
Wallace, Scott Pyper, *A.B., University of Utah, 1948*.........................Utah
Walsh, Harry Martin, *B.S., Washington College, 1948*...................Maryland
[1]Walton, Leander Bertram, *West Virginia University*................West Virginia
Warren, Bryan Pope, Jr., *University of Maryland*........................Maryland
Weeks, Howard Nelson, *B.S., Franklin & Marshall, 1948*.................Maryland
Wildberger, Albert John, *A.B., Western Maryland College, 1948*..........Maryland
Wolfel, Donald Anthony, *University of Maryland*.......................Maryland
Wolverton, William Roger, *A.B., West Virginia University, 1948*......West Virginia
[2]Worgan, Malcolm Sinclair, *University of Maryland*....................Maryland

STUDENTS IN ART AS APPLIED TO MEDICINE

Thomas McClelland Stevenson...................................Virginia

INTRAMURAL POSTGRADUATE STUDENTS

July 1, 1948 to June 30, 1949

General Anatomy "A"

Brockman, Hiram L., M.D.	Greer, South Carolina	*Medical College of S. C.*

Surgical Anatomy "B"

Banfield, Ernest E., M.D.	Baltimore, Maryland	*University of Oregon*
Brockman, Hiram L., M.D.	Greer, South Carolina	*Medical College of S. C.*
Burleson, Norris M., M.D.	Port Allegany, Pa.	*Duke Medical School*
Cerasano, Ernest A., M.D.	Schenectady 3, N. Y.	*Albany Medical College*
Cole, Norman J., M.D.	Baltimore, Maryland	*Univ. of California*
Fisher, William H., M.D.	Perry Point, Md.	*Duke Medical School*
George, J. E., M.D.	Roanoke, Virginia	*University of Virginia*
Greene, John P., M.D.	Rumford, Oxford, Maine	*Johns Hopkins University*
Hawkins, John F., Jr., M.D.	Baltimore, Maryland	*Johns Hopkins University*
Kagan, Harold N., M.D.	Washington, D. C.	*Geo. Wash. University*
Koontz, Emery R., M.D.	Aberdeen, Md.	*University of Michigan*
Lane, Julian S., M.D.	Leonardtown, Md.	*New York University*
McGoogan, Malcolm T., M.D.	Fitzgerald, Ben Hill, Ga.	*University of Maryland*
Vanni, Frank L., M.D.	Baltimore, Maryland	*New York Medical College*

Basic Sciences as applied to Obstetrics and Gynecology

Bodine, Charles D., M.D.	Oklahoma City, Okla.	*University of Oklahoma*
Rogers, Robert A., M.D.	Steubenville, Ohio	*Temple University*
Tinker, F. X. P., M.D.	Glen Burnie, Md.	*University of Maryland*

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[1] Did not complete the year.
[2] Withdrew on November 30, 1948.

Gynecology, Oncology and Female Urology

Kurashige, Wilfred Hitoshi, M.D.	Naalehu, Hawaii	*Northwestern University*

Pathology (neuropathology)

Pfeil, Edgar T. Jr., M.D.	Baltimore, Maryland	*University of Maryland*

Pathology (Special)

Alvarez, Joseph, M.D.	Baltimore, Maryland	*Temple University*
Burns, Herbert, M.D.	Baltimore, Maryland	*Tufts Medical School*
Oliver, Norman, M.D.	Baltimore, Maryland	*Long Island College of Med.*

EXTRAMURAL POSTGRADUATE STUDENTS

Physicians Attending 1948–1949 Extension Lectures

Course Given at Frederick Hotel, Frederick, Maryland

James H. Allison, M.D.	Emmitsburg, Md.	*University of Pa.*
Howard W. Ash, M.D.	Frederick, Maryland	*University of Pa.*
R. W. Baer, M.D.	Frederick, Maryland	*Johns Hopkins Univ.*
Ralph W. Ballin, M.D.	State Sanitorium, Md.	*Univ. of Cologne, Germany*
S. Luther Bare, M.D.	Westminster, Md.	*University of Md.*
C. Billingslea, M.D.	Westminster, Md.	*University of Md.*
M. Franklin Birely, M.D.	Thurmont, Md.	*University of Md.*
W. P. Bradley, Jr., M.D.	Taneytown, Md.	*Hahnemann Med. School*
A. Talbott Brice, M.D.	Jefferson, Md.	*University of Md.*
Charles H. Conley, Jr., M.D.	Frederick, Maryland	*University of Va.*
John M. Culler, M.D.	Frederick, Maryland	*University of Md.*
H. V. Ellington, M.D.	Camp Dietrick, Md.	*Not given*
Carroll Easterday, M.D.	Walkersville, Md.	*Med. College of Va.*
H. Laurence Fahrney, M.D.	Frederick, Md.	*Jefferson Medical School*
Jesse S. Fifer, M.D.	Frederick, Md.	*University of Md.*
Chas. R. Foutz, M.D.	Westminster, Md.	*University of Md.*
J. Stanley Grabill, M.D.	Mt. Airy, Md.	*University of Md.*
Jas. K. Gray, M.D.	Thurmont, Md.	*University of Va.*
T. W. Green, M.D.	Camp Dietrick, Md.	*Not given*
J. Elmer Harp, M.D.	Middletown, Md.	*University of Md.*
Reuben Hoffman, M.D.	Henryton, Md.	*University of Md.*
James P. Kerr, M.D.	Damascus, Md.	*University of Md.*
Thomas H. Legg, M.D.	Union Bridge, Md.	*University of Md.*
James T. Marsh, M.D.	Westminster, Md.	*University of Md.*
Robert S. McVaugh, M.D.	Taneytown, Md.	*University of Va.*
John H. Messler, M.D.	Union Bridge, Md.	*University of Md.*
A. A. Pearre, M.D.	Frederick, Md.	*University of Va.*
Charles E. Pruitt, M.D.	Brunswick, Md.	*University of Md.*
Thomas H. Quill, M.D.	Frederick, Maryland	*Georgetown Univ.*
M. E. Robertson, M.D.	Carroll County, Md.	*Not given*
Wm. Schnauffer, Jr., M.D.	Frederick, Md.	*Med. Coll. of Va.*
L. R. Schoolman, M.D.	Frederick, Md.	*University of Md.*
H. J. Slusher, M.D.	Frederick, Md.	*University of Md.*
J. G. F. Smith, M.D.	Brunswick, Md.	*University of Md.*
James E. Stoner, Jr., M.D.	Walkersville, Md.	*University of Md.*
Bernard O. Thomas, Jr., M.D.	Frederick, Md.	*University of Md.*
Bernard O. Thomas, Sr., M.D.	Frederick, Md.	*University of Md.*
James B. Thomas, M.D.	Frederick, Md.	*Johns Hopkins Univ.*
Edward P. Thomas, M.D.	Frederick, Md.	*University of Md.*

A. Weedom, M.D.	Camp Dietrick, Md.	*Not given*
Charles Whitaker, M.D.	Clarksville, Md.	*Not given*
Byron D. White, M.D.	Frederick, Md.	*Jefferson Med. School*
Arthur F. Woodward, M.D.	Frederick, Md.	*University of Md.*
Frank D. Worthington, M.D.	Frederick, Md.	*Johns Hopkins Univ.*

Course Given at Prince George's General Hospital, Cheverly, Maryland

P. J. Bean, M.D.	Great Mills, Md.	*University of Maryland*
Samuel Borssuck, M.D.	Annapolis, Md.	*Univ. of Tuebinger, Germany*
William Brainin, M.D.	Capitol Heights, Md.	*Geo. Washington Med. School*
Thos. A. Christensen, M.D.	College Park, Md.	*Georgetown University*
David Stanford Clayman, M.D.	Riverdale, Md.	*University of Md.*
Aaron Deitz, M.D.	Hyattsville, Md.	*Jefferson Med. School*
Wolcott L. Etienne, M.D.	College Park, Md.	*Geo. Wash. Univ.*
Ronald Fleischer, M.D.	Hyattsville, Md.	*Univ. of Paris, France*
Irvin M. Grassgreen, M.D.	Mt. Rainier, Md.	*Tulane University*
W. Allen Griffith, M.D.	Berwyn, Md.	*Univ. of Md.*
George J. Hageage, M.D.	Cottage City, Md.	*Georgetown Med. School*
Lloyd W. Hughes, M.D.	Riverdale, Md.	*Hahnemann Med. School*
Page C. Jett, M.D.	Prince Frederick, Md.	*Univ. of Md.*
Louis M. Jimal, M.D.	Cottage City, Md.	*Georgetown Univ.*
Julius Kauffman, M.D.	Bladensburg, Md.	*Geo. Wash. Univ.*
Oscar Lavine, M.D.	Mt. Rainier, Md.	*Geo. Wash. Univ.*
John Thomas Maloney, M.D.	Cheverly, Md.	*Georgetown Univ.*
Robert S. McCeney, M.D.	Laurel, Md.	*University of Md.*
George H. McLain, M.D.	Washington, D. C.	*Geo. Wash. Univ.*
Helene D. Michel, M.D.	Hyattsville, Md.	*Johns Hopkins Univ.*
W. B. Moyers, M.D.	Mt. Rainier, Md.	*University of Md.*
E. Peyton Ritchings, M.D.	Annapolis, Md.	*University of Md.*
Edith Rodler, M.D.	Annapolis, Md.	*Basle, Switzerland*
Albert Roth, M.D.	Riverdale, Md.	*Univ. of London*
James G. Sasscer, M.D.	Upper Marlboro, Md.	*Univ. of Md.*
Robert B. Sasscer, M.D.	Upper Marlboro, Md.	*Univ. of Md.*
Paul Clopton VanNatta, M.D.	Washington, D. C.	*Geo. Wash. Univ.*
John Warren, M.D.	Laurel, Md.	*University of Md.*
Dayton O. Watkins, M.D.	Hyattsville, Md.	*University of Md.*
G. J. Weems, M.D.	Huntington, Md.	*University of Md.*
Hans Wodak, M.D.	Greenbelt, Md.	*University of Prague*

Course Given at Peninsula General Hospital, Salisbury, Md.

H. A. Briele, M.D.	Salisbury, Md.	*University of Md.*
William Emrich, M.D.	Hebron, Md.	*University of Md.*
Charles T. Fisher, M.D.	Salisbury, Md.	*University of Md.*
J. Leland Fox, M.D.	Seaford, Del.	*Jefferson Med. School*
David J. Gilmore, M.D.	Salisbury, Md.	*Univ. of Pa.*
Robert J. Gore, M.D.	Salisbury, Md.	*University of Md.*
Fred R. Gramse, M.D.	Salisbury, Md.	*George Washington Univ.*
William D. Gray, M.D.	Salisbury, Md.	*University of Pa.*
Carrie I. Hearn, M.D.	Salisbury, Md.	*London Univ.*
Seth H. Hurdle, M.D.	Salisbury, Md.	*University of Va.*
Phillip A. Insley, M.D.	Salisbury, Md.	*University of Md.*
H. S. Kuhlman, M.D.	Sharptown, Md.	*University of Md.*

Lee L. Lawry, M.D.	Fruitland, Md.	*Temple Univ.*
William B. Long, M.D.	Salisbury, Md.	*University of Md.*
John W. Lynch, M.D.	Seaford, Delaware	*Long Island College*
Hunter R. Mann, M.D.	Salisbury, Md.	*University of Va.*
Charles M. Moyer, M.D.	Salisbury, Md.	*Temple University*
R. M. Nock, M.D.	Salisbury, Md.	*University of Md.*
Sarah M. Peyton, M.D.	Crisfield, Md.	*Johns Hopkins Univ.*
Lee A. Rademaker, M.D.	Salisbury, Md.	*University of Pa.*
Norman E. Sartorius, Jr., M.D.	Pocomoke, Md.	*University of Md.*
Richard H. Saunders, M.D.	Nanticoke, Md.	*Jefferson Med. School*
G. Herbert Sembly, M.D.	Salisbury, Md.	*Howard University*
Stedman W. Smith, M.D.	Salisbury, Md.	*McGill Univ.*
Robert R. Starr, M.D.	Salisbury, Md.	*Jefferson Med. School*
Nathanael R. Thomas, M.D.	Ocean City, Md.	*Jefferson Med. School*

SUMMARY OF STUDENTS

September 16, 1948 to June 4, 1949

Medical Students	*Male*	*Female*	*Total*
Senior Class	59	9	68
Junior Class	71	11	82
Sophomore Class	85	4	89
Freshman Class	93	5	98
Medical Students	308	29	337
Intramural Post-Graduate Students	23	0	23
Extramural Post-Graduate Students	97	4	101
Students in Art as Applied to Medicine	1	0	1
	429	33	462

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 16, 1948 to June 4, 1949

Alabama	1
California	11
Colorado	1
Connecticut	4
Delaware	3
District of Columbia	5
Florida	8
Georgia	6
Idaho	1
Illinois	4
Indiana	3
Kansas	2
Maine	2
Maryland	171
Massachusetts	4
Michigan	1
Minnesota	1
Missouri	1
Nebraska	1
Nevada	1
New Hampshire	2
New Jersey	11
New York	8
North Carolina	12
North Dakota	1
Ohio	11
Oregon	1
Pennsylvania	22
Rhode Island	1
Texas	1
Utah	4
Virginia	4
Washington	2
West Virginia	15
Wisconsin	2

United States Possessions

Puerto Rico	9

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(Term beginning July 1, 1949 and ending June 30, 1950)

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George F. Sargent, M.D.

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I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine..

(Here state amount or describe property)

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine..

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University of Maryland, coming under the same government. It is a non-sectarian school, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 435 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing.

Programs offered: The programs of study of the school are planned for two groups of students: (a) the five-year group, (b) the 36-month group.

The requirements for admission to the five-year program of the School of Nursing are the same as for other colleges of the University. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and to the diploma of the University Hospital School of Nursing.

The requirements for admission to the 36-month program are the satisfactory completion of an academic course in an approved high school. The completion of this course entitles the student to the diploma of the University of Maryland School of Nursing.

Applications and catalogues may be obtained from the Director of the School of Nursing, University Hospital, Baltimore 1, Md.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated on December 23, 1901. It is an integral part of the Mercy Hospital and is under the same government. Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and affiliated sciences.

The University of Maryland, and Mount Saint Agnes College, in affiliation with the Mercy Hospital School of Nursing, offer a five year combined Academic and Nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and Mount Saint Agnes College, and to the diploma of the Mercy Hospital School of Nursing. Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching institutions. This program consequently offers a distinct advantage.

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The Frank C. Bressler Research Laboratory

University Hospital

SCHOOL *of* MEDICINE

UNIVERSITY OF MARYLAND

SEPTEMBER, 1950

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522 W. LOMBARD STREET, BALTIMORE 1, MARYLAND

NOTE

This catalogue was closed for the press on May 31, 1950. The announcements and lists of names have been made as accurate as possible, but the right is reserved to make changes whenever it is expedient. Accordingly, the information provided may not be accurate, in every instance, for the period involved.

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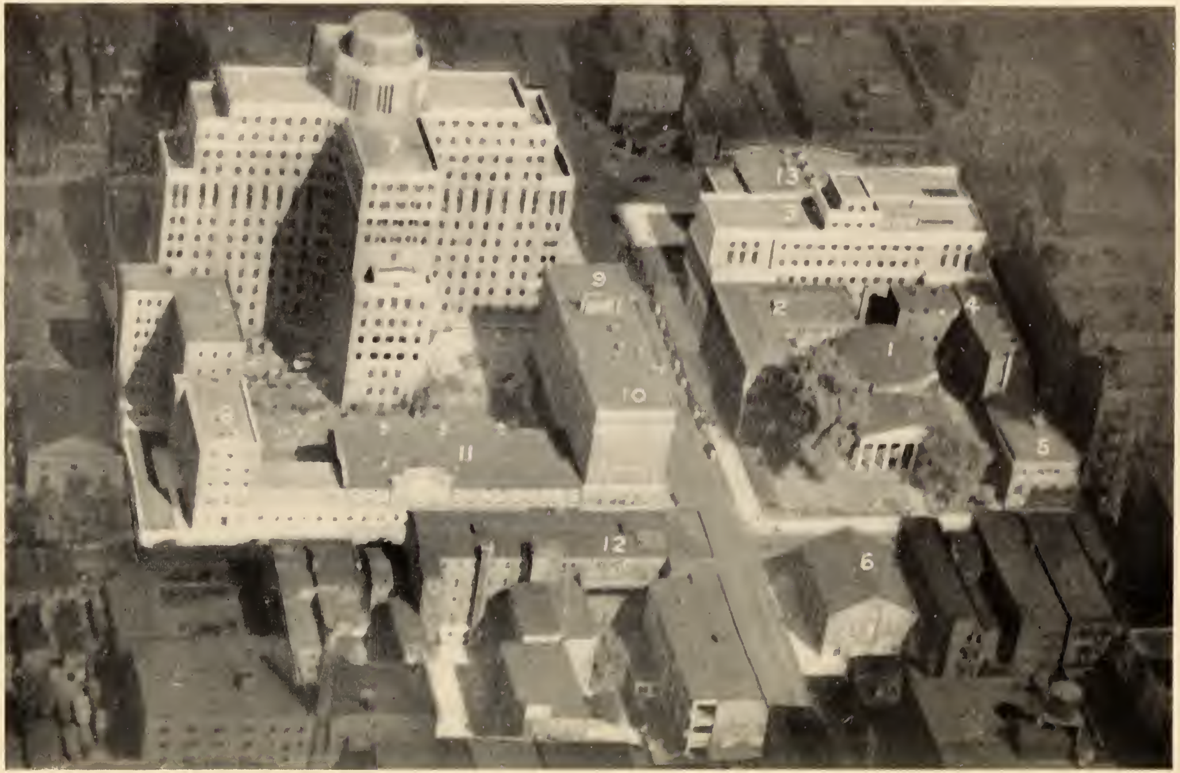

Baltimore Schools—University of Maryland

1. Original Medical Building
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3. Bressler Building, Medicine
4. Gray Laboratory, Student's Lounge, Medicine
5. Administration Building, College of Education, Baltimore Division
6. Medical Library
7. University Hospital
8. Nurses' Home, Medicine
9. School of Pharmacy
10. School of Dentistry
11. Dental Clinic
12. Out-Patient Clinics, Medicine
13. School of Law

BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

SEPTEMBER, 1950

Announcements for

The One Hundred Forty-Fifth Academic Session
1950–1951

Catalogue of
The One Hundred Forty-Fourth Academic Session
1949–1950

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OCTOBER

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NOVEMBER

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DECEMBER

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1951

JANUARY

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JULY

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AUGUST

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1952

JANUARY

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FEBRUARY

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JUNE

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CALENDAR

Academic Year—September 21, 1950 to June 9, 1951

1950			
September	11, 12, 13		Re-examinations for advancement

FIRST SEMESTER—September 21, 1950 to January 27, 1951

September	19	Tuesday	*Registration, payment of fees, freshmen & sophomores
September	20	Wednesday	*Registration, payment of fees, all other students
September	21	Thursday	Instruction begins at 8:30 a.m.
November	21	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
November	27	Monday	Instruction resumed
December	21	Thursday	Instruction suspended at 5:00 p.m. Christmas Holiday
1951			
January	3	Wednesday	Instruction resumed
January	22	Monday	Midyear examinations
	to		*Payment of fees for second semester
January	27	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 29 to June 9, 1951

January	29	Monday	Instruction begins at 8:30 a.m.
February	21	Wednesday	Instruction suspended at 5:00 p.m.
February	22	Thursday	Holiday—Washington's Birthday
February	23	Friday	Instruction resumed
March	22	Thursday	Instruction suspended at 5:00 p.m. Easter Holiday
March	27	Tuesday	Instruction resumed
April	24	Tuesday	Juniors and Seniors excused to attend annual meetings of the Medical & Chirurgical Faculty
April	25	Wednesday	
May	21	Monday	Junior examinations begin
May	28	Monday	Junior examinations continue Sophomore and Freshman examinations begin
May	30	Wednesday	Holiday—Memorial Day
June	2	Saturday	Announcement of graduates
June	9	Saturday	Commencement Second Semester completed at 12:30 p.m.

PARTIAL CALENDAR FOR 1951–1952

1951			
September	10, 11, 12		Re-examinations for advancement
September	18	Tuesday	*Registration, payment of fees, freshmen & sophomores
September	19	Wednesday	*Registration, payment of fees, all other students
September	20	Thursday	Instruction begins at 8:30 a.m.

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* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars ($5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

HARRY CLIFTON BYRD, B.S., LL.D., D.SC., *President and Executive Officer*

BOARD OF REGENTS

		Term Expires
WILLIAM P. COLE, JR., *Chairman*	Baltimore	1958
STANFORD Z. ROTHSCHILD, *Secretary*	Baltimore	1952
J. MILTON PATTERSON, *Treasurer*	Baltimore	1953
PETER W. CHICHESTER	Frederick	1951
EDWARD F. HOLTER	Middletown	1952
E. PAUL KNOTTS	Denton	1954
CHARLES P. MCCORMICK	Baltimore	1957
HARRY H. NUTTLE	Denton	1950
PHILIP C. TURNER	Parkton	1950
MILLARD E. TYDINGS	Havre de Grace	1951
MRS. JOHN L. WHITEHURST	Baltimore	1956

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Faculty Council, composed of the Dean and members of its faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Education (Baltimore Division)

At College Park

The College of Agriculture
The College of Arts and Sciences
The College of Business and Public Administration
The College of Education
The College of Engineering
The College of Home Economics
The Graduate School
The College of Military Science
The College of Physical Education, Recreation and Health
The College of Special and Continuation Studies
The Summer School

ADMINISTRATIVE OFFICERS

SCHOOL OF MEDICINE

H. C. Byrd, B.S., LL.D., D.Sc.	*President of the University*
H. Boyd Wylie, M.D.	*Dean*
O. G. Harne	*Assistant to the Dean*
Alma H. Preinkert, M.A.	*Registrar*
Edgar F. Long, Ph.D.	*Director of Admissions*

SCHOOL *of* MEDICINE

FACULTY OF MEDICINE

EMERITI

J. Frank Crouch, M.D.	Professor of Clinical Ophthalmology and Otology, Emeritus[5a]
Harry Friedenwald, A.B., M.D., D.H.L., D.Sc.	Professor of Ophthalmology, Emeritus[5]
J. M. H. Rowland, M.D., D.Sc., LL.D.	Professor of Obstetrics, Emeritus; Dean, Emeritus
Henry J. Walton, M.D.	Professor of Roentgenology, Emeritus
Page Edmunds, M.D.	Professor of Traumatic Surgery, Emeritus
Ruth Lee Briscoe	Librarian, Emeritus
Albertus Cotton, M.A., M.D.	Professor of Orthopaedic Surgery, and Roentgenology, Emeritus
Harvey G. Beck, M.D., D.Sc.	Professor of Clinical Medicine, Emeritus
Irving J. Spear, M.D.	Professor of Neurology, Emeritus
Carl L. Davis, M.D.	Professor of Anatomy, Emeritus
Arthur M. Shipley, M.D., D.Sc.	Professor of Surgery, Emeritus
Clyde A. Clapp, M.D.	Professor of Ophthalmology, Emeritus
Andrew C. Gillis, M.A., M.D., LL.D.	Professor of Neurology, Emeritus
Edgar B. Friedenwald, M.D.	Professor of Clinical Pediatrics, Emeritus

FACULTY BOARD

Dean H. Boyd Wylie, *Chairman*

O. G. Harne, *Secretary*

William R. Amberson
Franklin B. Anderson
James G. Arnold, Jr.
Walter A. Baetjer
Charles Bagley, Jr.
J. Edmund Bradley
Otto C. Brantigan
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Thomas R. Chambers
Carl Dame Clarke
Paul W. Clough
Richard G. Coblentz
Beverley C. Compton
Charles N. Davidson
John DeCarlo, Jr.
Louis H. Douglass
C. Reid Edwards
Monte Edwards
Frederick P. Ferguson
Frank H. J. Figge
Jacob E. Finesinger
A. H. Finkelstein
Leon Freedom
Edgar B. Friedenwald
Thomas K. Galvin
Moses Gellman
Gordon E. Gibbs
Frank W. Hachtel
Edward J. Herbst
Cyrus F. Horine
J. Mason Hundley, Jr.
Elliott H. Hutchins
Edward S. Johnson
F. L. Jennings
C. Loring Joslin
James R. Karns
Walter L. Kilby
Edward A. Kitlowski
Vernon E. Krahl
John C. Krantz, Jr.
Louis A. M. Krause
Kenneth D. Legge
R. W. Locher
Edward A. Looper
William S. Love, Jr.
John F. Lutz
Charles W. Maxson
Zachariah Morgan
Theodore H. Morrison
Alfred T. Nelson
Thomas R. O'Rourk
C. W. Peake
D. J. Pessagno
H. R. Peters
Maurice C. Pincoffs

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[5] Died April 8, 1950.

[5a] Died April 20, 1950.

J. Morris Reese
Charles A. Reifschneider
Dexter L. Reimann
Harry M. Robinson, Sr.
Harry L. Rogers
Milton S. Sacks
Emil G. Schmidt
Andrew G. Smith
Dietrich C. Smith
R. Dale Smith
William H. Smith
Hugh R. Spencer
Thomas P. Sprunt
Edward Steers
W. Houston Toulson
J. McCullough Turner
Eduard Uhlenhuth
Henry F. Ullrich
Raymond E. Vanderlinde
Allen F. Voshell
John A. Wagner
Grant E. Ward
C. Gardner Warner
Huntington Williams
Walter D. Wise
Theodore E. Woodward
Thomas C. Wolff
Robert B. Wright
George H. Yeager
Waitman F. Zinn

ADVISORY COMMITTEE OF THE FACULTY

William R. Amberson
J. Edmund Bradley
Louis H. Douglass
C. Reid Edwards
Jacob E. Finesinger
Frank W. Hatchel
O. G. Harne, Assistant to the Dean, *Secretary*
J. Mason Hundley
Walter L. Kilby
F. Edwin Knowles, Jr.
John C. Krantz, Jr.
Alfred T. Nelson
Maurice C. Pincoffs
Emil G. Schmidt
Hugh R. Spencer
Eduard Uhlenhuth
H. Boyd Wylie, Dean *Chairman*

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.
William R. Amberson, Ph.D., Professor of Physiology, and Head of the Department.
Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.
Joseph C. Biddix, Jr., D.D.S., Professor of Oral Diagnosis, School of Dentistry.
J. Edmund Bradley, M.D., Professor of Pediatrics, and Head of the Department.
Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, and Professor of Clinical Surgery.
T. Nelson Carey, M.D., Professor of Clinical Medicine.
Richard G. Coblentz, M.A., M.D., Professor of Clinical Neurological Surgery.
Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.
Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.
Louis H. Douglass, M.D., Professor of Obstetrics, and Head of the Department.
Charles Reid Edwards, M.D., Professor of Surgery, and Acting Head of the Department.
Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1949 to June 30, 1950 unless otherwise indicated. Changes are noted as follows:

[1] Appointments effective July 1, 1950.
[2] Promotion effective July 1, 1950.
[3] Resigned.
[4] Retired.
[5] Deaths.
[6] On leave.

Ray Ehrensberger, Ph.D., Professor of Speech, College of Arts and Sciences.
Frank H. J. Figge, Ph.D., Professor of Anatomy.
Jacob E. Finesinger, M.D., Professor of Psychiatry, and Head of the Department.
Edgar B. Friedenwald, M.D., Professor of Clinical Pediatrics.
Thomas K. Galvin, M.D., Clinical Professor of Gynecology.[3]
Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.
Frank W. Hachtel, M.D., Professor of Bacteriology, and Head of the Department.
Harry C. Hull, M.D., Professor of Clinical Surgery.
J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology, and Head of the Department.
Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
F. L. Jennings, M.D., Professor of Clinical Surgery.
C. Loring Joslin, M.D., Professor of Pediatrics.
Walter L. Kilby, M.D., Professor of Roentgenology, and Head of the Department.
Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology, and Head of the Department.
Louis A. M. Krause, M.D., Professor of Clinical Medicine.
Kenneth D. Legge, M.D., Professor of Clinical Genito-Urinary Surgery.
Edward A. Looper, M.D., D.Oph., Professor of Otolaryngology, and Head of the Department.
Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
Alfred T. Nelson, M.D., Professor of Anaesthesiology, and Chairman of the Department[1a]
Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.
Thomas R. O'Rourk, M.D., Professor of Otolaryngology.
D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine.
Maurice C. Pincoffs, B.S., M.D., Professor of Medicine, and Head of the Department.
Kyrle W. Preis, D.D.S., Professor of Orthodontics, School of Dentistry.[1]
Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.
Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.
Harry M. Robinson, Sr., M.D., Professor of Dermatology.
Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry, and Head of the Department.
Dietrich Conrad Smith, Ph.D., Professor of Physiology.
Hugh R. Spencer, M.D., Professor of Pathology, and Head of the Department.
Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.
W. Houston Toulson, M.Sc., M.D., Professor of Genito-Urinary Surgery.
Eduard Uhlenhuth, Ph.D., Professor of Anatomy, and Head of the Department.
Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
Walter D. Wise, M.D., Professor of Surgery.
George H. Yeager, B.S., M.D., Professor of Clinical Surgery, and Director of Clinical Research.
Waitman F. Zinn, M.D., Professor of Otolaryngology.

[1a] Appointment effective July 13, 1949.

ASSOCIATE PROFESSORS

Franklin R. Anderson, M.D., Associate Professor of Otolaryngology.
Merle Ansberry, Ph.D., Associate Professor of Speech, College of Arts and Sciences.
James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.
H. M. Bubert, M.D., Associate Professor of Medicine.
C. Jelleff Carr, Ph.D., Associate Professor of Pharmacology.
Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.
Carl Dame Clarke, Associate Professor of Art as Applied to Medicine.
Charles N. Davidson, M.D., Associate Professor of Roentgenology.
Ross Davies, M.D., Associate Professor of Hygiene and Public Health.
J. S. Eastland, M.D., Associate Professor of Medicine.
A. H. Finkelstein, M.D., Associate Professor of Pediatrics.
Russel S. Fisher, M.D., Associate Professor of Legal Medicine.[1]
Leon Freedom, M.D., Associate Professor of Neurology.
Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.
Gordon E. Gibbs, M.D., Associate Professor of Clinical Research.[1]
Lewis P. Gundry, M.D., Associate Professor of Medicine.
O. G. Harne, Associate Professor of Anatomy, and Asst. to the Dean.
Hugh H. Hicks, D.D.S., Associate Professor of Periodontology, School of Dentistry.
Cyrus F. Horine, M.D., Associate Professor of Surgery.
Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics.
Edward S. Johnson, M.D., Associate Professor of Surgery.
Vernon E. Krahl, B.S., M.S., Ph.D., Associate Professor of Anatomy.
Frederick T. Kyper, M.D., D.Sc., Associate Professor of Otolaryngology.
R. W. Locher, M.D., Associate Professor of Clinical Surgery.
William S. Love, Jr., A.B., M.D., Associate Professor of Medicine.
Charles W. Maxson, M.D., Associate Professor of Surgery.
Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.
Samuel Morrison, A.B., M.D., Associate Professor of Medicine, Associate Professor of Gastro-enterology.
James W. Nelson, M.D., Associate Professor of Surgery.
H. Whitman Newell, M.D., Associate Professor of Psychiatry.
C. W. Peake, M.D., Associate Professor of Surgery.
J. Morris Reese, M.D., Associate Professor of Obstetrics.
Dexter L. Reimann, B. S., M.D., Associate Professor of Pathology.
Benjamin S. Rich, A.B., M.D., Associate Professor of Otolaryngology.
Milton S. Sacks, M.D., Associate Professor of Medicine and Head of Clinical Pathology, Associate in Pathology.
Frederick B. Smith, M.D., Associate Clinical Professor of Pediatrics.
R. Dale Smith, Ph. D., Associate Professor of Anatomy.
William H. Smith, M.D., Associate Professor of Clinical Medicine.
Edward Steers, Ph.D., Associate Professor of Bacteriology.
Lewis C. Toomey, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.
I. Ridgeway Trimble, M.D., Associate Professor of Surgery.
Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
John A. Wagner, B.S., M.D., Associate Professor of Pathology.
W. Wallace Walker, M.D., Associate Professor of Surgery and Surgical Anatomy.
Grant E. Ward, A.B., M.D., Associate Professor of Surgery and Oral Surgery.
C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.

William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
Glenn S. Weiland, Ph.D., Associate Professor of Biochemistry.
T. Conrad Wolff, M.D., Associate Professor of Medicine, and Head of the Division of Physical Diagnosis.
Theodore E. Woodward, M.D., Associate Professor of Medicine
Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
Donald J. Barnett, M.D., Assistant Professor of Roentgenology.
H. F. Bongardt, M.D., Assistant Professor of Surgery.
Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
Beverley C. Compton, A.B., M.D., Assistant Professor of Gynecology.
Ernest I. Cornbrooks, Jr., A.B., M.D., Assistant Professor of Gynecology.
Edward F. Cotter, M.D., Assistant Professor of Medicine, Associate in Neurology
J. G. N. Cushing, M.D., Assistant Professor of Psychiatry.
John DeCarlo, A.B., M.D., Assistant Professor of Roentgenology.[1a]
William K. Diehl, M.D., Assistant Professor of Gynecology.
Everett S. Diggs, B.S., M.D., Assistant Professor of Gynecology.
John S. Dumler, B.S., M.D., Assistant Professor of Gynecology.
William W. Elgin, M.D., Assistant Professor of Psychiatry.
Francis A. Ellis, A.B., M.D., Assistant Professor of Dermatology.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
Frederick P. Ferguson, Ph.D., Assistant Professor of Physiology.
Jerome Fineman, M.D., Assistant Professor of Pediatrics.
Wetherbee Fort, M.D., Assistant Professor of Medicine.
Frank J. Geraghty, A.B., M.D., Assistant Professor of Medicine.
Francis W. Gillis, M.D., Assistant Professor of Genito-Urinary Surgery.
Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
Harry Goldsmith, M.D., Assistant Professor of Psychiatry.
Albert E. Goldstein, M.D., Assistant Professor of Pathology.
George Govatos, A.B., M.D., Assistant Professor of Surgery.
Edward J. Herbst, Ph.D., Assistant Professor of Biological Chemistry.
John F. Hogan, M.D., Assistant Professor of Genito-Urinary Surgery.
Harry K. Iwamoto, Ph.D., Assistant Professor of Pharmacology.
D. Frank Kaltreider, A.B., M.D., Assistant Professor of Obstetrics.
Fayne A. Kayser, M.D., Assistant Professor of Rhinology and Laryngology.
F. Edwin Knowles, Jr., M.D., Assistant Professor of Ophthalmology and Chairman of the Department.
H. Vernon Langeluttig, M.D., Assistant Professor of Medicine.
C. Edward Leach, M.D., Assistant Professor of Medicine.[2]
Philip L. Lerner, M.D., Assistant Professor of Neurology.
Ephriam T. Lisansky, M.D., Assistant Professor of Medicine and Associate in Psychiatry.[2]
Hans W. Loewald, M.D., Assistant Professor of Psychiatry.

[1a] Appointment effective Jan. 1, 1950.

John F. Lutz, A.B., M.D., Assistant Professor of Anatomy.
Stanley H. Macht, B.S., M.D., Assistant Professor of Roentgenology.[3a]
Henry J. L. Marriott, A.M., B.M., Assistant Professor of Medicine.
Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Pathology.
W. Raymond McKenzie, M.D., Assistant Professor of Otolaryngology.
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
Hugh B. McNally, B.S., M.D., Assistant Professor of Obstetrics.[2]
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.
M. Alexander Novey, A.B., M.D., Assistant Professor of Obstetrics.
Samuel T. R. Revell, Jr., M.D., Assistant Professor of Medicine.[2]
I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
William F. Rienhoff, M.D., Assistant Professor of Surgery.
Harry M. Robinson, Jr., B.S., M.D., Assistant Professor of Dermatology, Associate in Medicine.
Irving Rothchild, Ph.D., Assistant Professor of Physiology.
John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
Kathyrn L. Schultz, M.D., Assistant Professor of Psychiatry.
Theodore A. Schwartz, M.D., Assistant Professor of Otolaryngology.[2]
William M. Seabold, M.D., Assistant Professor of Pediatrics.
William B. Settle, M.D., Assistant Professor of Surgical Anatomy and Associate in Surgery.
Isadore A. Siegel, A.B., M.D., Assistant Professor of Obstetrics.
Andrew G. Smith, Ph.D., Assistant Professor of Bacteriology.
Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
Sol Smith, M.D., Assistant Professor of Medicine.
J. McCullough Turner, Ph.D., Assistant Professor of Physiology.[1a]
Raymond E. Vanderlinde, A.B., Ph.D., Assistant Professor of Biological Chemistry.[1b]
Philip S. Wagner, M.D., Assistant Professor of Psychiatry.
Gibson J. Wells, M.D., Assistant Professor of Pediatrics.
Milton J. Wilder, M.D., Assistant Professor of Orthopedic Surgery.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine.
Marie A. Andersch, Ph.D., Associate in Medicine.
J. Tyler Baker, B.S., M.D., Associate in Obstetrics.[1]
Margaret B. Ballard, M.D., Associate in Obstetrics.
Charles P. Barnett, A.B., M.D., Associate in Pathology.[2]
Edmund G. Beacham, M.D., Associate in Medicine.[2]
Eugene S. Bereston, A.B., M.D., Associate in Dermatology.
Harry C. Bowie, B.S., M.D., Associate in Surgical Anatomy.[2]
Kenneth B. Boyd, A.B., M.D., Associate in Gynecology and Assistant in Obstetrics.
Frank J. Brady, M.D., Associate in Anaesthesiology.[1c]

[1a] Appointment effective August 1, 1950
[1b] Appointment effective Sept. 1, 1950.
[1c] Appointment effective Jan. 1, 1950.
[3a] Resigned Dec. 31, 1949.

V. V. Brunst, Sc.D., Research Associate in Anatomy.
Harold H. Burns, M.D., Associate in Surgery.
M. Paul Byerly, M.D., Associate in Medicine.
Richard A. Carey, M.D., Associate in Medicine.[1]
Osborne D. Christensen, M.D., Associate in Obstetrics.
Edward R. Dana, A.B., M.D., Associate in Roentgenology.[1]
Kathryn Dice, Ed.D., Associate in Clinical Psychology.
Francis G. Dickey, M.D., Associate in Medicine.
D. McClelland Dixon, M.D., Associate in Obstetrics and Instructor in Pathology.
Stanley H. Durlacher, M.D., Associate in Legal Medicine.[1]
J. J. Erwin, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Genito-Urinary Surgery.
William L. Fearing, M.D., Associate in Neurology.
Donald E. Fisher, M.D., Associate in Pathology.[2]
Samuel L. Fox, M.D., Associate in Otolaryngology, and Instructor in Physiology.[1]
Henry C. Freimuth, Ph.D., Associate in Legal Medicine.[1a]
William L. Garlick, A.B., M.D., Associate in Surgery.
Robert G. Grenell, B.A., M.Sc., Ph.D., Research Associate in Psychiatry.[1]
Alvin J. Hartz, A.B., M.D., Associate in Medicine.[2]
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine.
John T. Hibbitts, M.D., Associate in Gynecology.
Henry W. D. Holljes, M.D., Associate in Medicine.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Benjamin H. Isaacs, A.B., M.D., Associate in Rhinology and Laryngology.
Meyer W. Jacobson, M.D., Associate in Medicine.
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
Hugh J. Jewett, M.D., Associate in Genito-Urinary Surgery.
Arthur Karfgin, B.S., M.D., Associate in Medicine.
James R. Karns, B.S., M.D., Associate in Medicine, and Physician in Charge of Medical Care of Medical Students.[2]
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Elizabeth LaForge, M.S.S., Associate in Psychiatric Social Work.
Samuel Legum, M.D., Associate in Medicine.
H. Edmund Levin, M.D., Associate in Bacteriology.
Kurt Levy, M.D., Associate in Medicine.
William D. Lynn, A.B., M.D., Research Associate in Surgery.[1]
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.
Karl F. Mech, B.S., M.D., Associate in Anatomy and Instructor in Pathology.
George G. Merrill, M.D., Associate in Neurology.
Lyle J. Millan, M.D., Associate in Genito-Urinary Surgery.
Frank K. Morris, A.B., M.D., Associate in Gynecology.
J. Huff Morrison, B.S., M.D., Associate in Obstetrics.[2]
S. Edwin Muller, M.D., Associate in Medicine.
Ross Z. Pierpont, M.D., Associate in Surgical Anatomy, and Assistant in Surgery.[2]
Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.

[1a] Appointment effective Oct. 15, 1949.

Robert A. Reiter, M.D., Associate in Medicine.
R. C. V. Robinson, M.D., Associate in Dermatology.
Sidney Scherlis, M.D., Associate in Medicine.
William M. Seabold, A.B., M.D., Associate in Pediatrics.
Lawrence M. Serra, M.D., Associate in Medicine.
A. Albert Shapiro, B.S., M.D., Associate in Dermatology.
Arthur G. Siwinski, A.B., M.D., Associate in Surgery.
Benedict Skitarelic, A.B., M.D., Associate in Pathology.
Harry A. Teitlebaum, B.S., M.D., Ph.D., Associate in Neurology.
Wilfred H. Townshend, Jr., A.B., M.D., Associate in Medicine.[2]
Isadore Tuerk, M.D., Associate in Psychiatry.
William K. Waller, M.D., Associate in Medicine.
Austin H. Wood, M.D., Associate in Genito-Urinary Surgery.
Israel Zeligman, A.B., M.D., Associate in Dermatology.

LECTURERS

Amedeo S. Marrazzi, M.D., Lecturer in Pharmacology.
Joseph M. Miller, M.D., Lecturer in Surgery.
William H. Summerson, Ph.D., Lecturer in Biological Chemistry[1]

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
Leon Ashman, M.D., Instructor in Medicine.
Robert E. Bauer, A.B., M.D., Instructor in Medicine.[2]
Harry McB. Beck, M.D., Instructor in Gynecology, and Assistant in Obstetrics.[1]
Robert Z. Berry, A.B., M.D., Instructor in Otolaryngology.
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
Charles E. Brambel, A.M., Ph.D., Instructor in Medicine.[1]
George H. Brouillet, B.S., M.D., Instructor in Surgery.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
J. E. Brumback, Jr., B.S., M.D., Instructor in Ophthalmology.
William J. Bryson, A.B., M.D., Instructor in Pathology.
William R. Bundick, M.D., Instructor in Dermatology.[1]
Lucile J. Caldwell, M.D., Instructor in Dermatology.
Enoch Calloway, Jr., A.B., M.D., Instructor in Psychiatry.[1]
Joseph P. Cappuccio, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Thomas A. Christensen, A.B., M.D., Instructor in Pediatrics.
Jonas Cohen, A.B., M.D., Instructor in Medicine.
Morris M. Cohen, M.D., Instructor in Dermatology.[1]
Joseph M. Cordi, M.D., Instructor in Pediatrics.
Richard J. Cross, B.S., M.D., Instructor in Ophthalmology, and Assistant in Otolaryngology.[1]
Raymond M. Cunningham, A.B., M.D., Instructor in Anatomy and Proctology, Assistant in Surgery.
George H. Davis, B.S., M.D., Instructor in Obstetrics.[2]
John R. Davis, M.D., Instructor in Medicine.
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
John B. DeHoff, M.D., Instructor in Medicine.
William A. Dodd, M.D., Instructor in Gynecology, and Assistant in Obstetrics.[1]

Charles H. Doeller, Jr., A.B., M.D., Instructor in Gynecology, and Assistant in Obstetrics.
William C. Duffy, A.B., M.D., Instructor in Gynecology.
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
Philip D. Flynn, M.D., Instructor in Medicine.
Paul N. Friedman, A.B., M.D., Instructor in Ophthalmology.
Audry M. Funk, A.B., Instructor in Medicine.
L. Calvin Gareis, B.S., M.D., Instructor in Pathology, and Obstetrics,[2] Assistant in Gynecology.
Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.
H. L. Granoff, A.B., M.D., Instructor in Gynecology.
Ernest G. Guy, M.D., Instructor in Medicine.
Isaac Gutman, Instructor in Orthopaedic Surgery.[1]
John S. Haines, M.D., Instructor in Genito-Urinary Surgery.
Samuel J. Hankin, M.D. Instructor in Medicine.
Charles W. Hawkins, M.D., Instructor in Anatomy.[2]
Mary L. Hayleck, M.D., Instructor in Pediatrics.
Robert F. Healy, M.D., Instructor in Surgery.
Donald B. Hebb, M.D., Instructor in Proctology and Assistant in Surgery.
William G. Helfrich, B.S., M.D., Instructor in Medicine.
L. Ann Hellen, B.S., Instructor in Medicine.
Benjamin Highstein, M.D., Instructor in Dermatology.
Mark B. Hollander, A.B., M.D., Instructor in Dermatology and Syphilology.
Calvin Hyman, M.D., Instructor in Surgery.
Conrad L. Inman, D.D.S., Instructor in Anesthesiology, School of Dentistry.
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
Marshall I. Kader, D.D.S., Instructor in Oral Surgery,[1] School of Dentistry.
William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
Harry F. Kane, M.D., Instructor in Gynecology.
Theodore Kardash, B.S., M.D., Instructor in Gynecology and Pathology.
Walter E. Karfgin, M.D., Instructor in Medicine.
Clyde F. Karns, B.S., M.D., Instructor in Surgery.
Leon A. Kochman, M.D., Instructor in Medicine.[1]
Schuyler G. Kohl, B.S., M.D., Instructor in Obstetrics.[2]
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
Louis J. Kroll, A.B., M.D., Instructor in Medicine.
Arnold F. Lavenstein, Instructor in Pediatrics.
Algert P. Lazauskas, D.D.S., Instructor in Oral Surgery,[1] School of Dentistry.
V. Harwood Link, M.D., Instructor in Dermatology.[1]
F. Ford Loker, B.S., M.D., Instructor in Surgery.
H. Patterson Mack, M.D., Instructor in Anatomy.[1]
Helen I. Maginnis, M.D., Instructor in Gynecology.
Louis O. J. Manganiello, A.B., M.D., Instructor in Anatomy,[1] Research Fellow, Neurosurgery.
William C. Manion, B.S., M.D., Instructor in Pathology.[1]
Charles B. Marek, M.D., Instructor in Gynecology.
Joseph H. Marshall, M.D., Instructor in Psychiatry.
Marion W. Mathews, M.S., M.D., Instructor in Psychiatry.[1b]
D. J. McHenry, B.S., M.D., Instructor in Ophthalmology.

[1b] Appointment effective Sept., 1, 1950

José Medina, D.D.S., Instructor in Oral Surgery,[1] School of Dentistry.
Margaret E. Mellott, B.S., Instructor in Biochemistry.[3a]
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
J. Duer Moores, B.S., M.D., Instructor in Surgery.
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
Francis J. McLaughlin, M.D., Instructor in Psychiatry.
Pomeroy Nichols, Jr., M.D., Instructor in Anatomy.[1a]
Samuel Novey, M.D., Instructor in Psychiatry.
M. Paul Padget, M.D., Instructor in Medicine.
Richard H. Pembroke, Jr., A.B., M.D., Instructor in Psychiatry.
Patrick C. Phelan, Jr., Instructor in Anatomy and Surgery.
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.
J. Emmett Queen, M.D., Instructor in Medicine.[1]
Phoebe Rich, M.S.S., Instructor in Psychiatric Social Work.
Daniel R. Robinson, M.D., Instructor in Surgery.
Seymour W. Rubin, M.D., Instructor in Pathology.
William J. Rysanek, Jr., M.D., Instructor in Gynecology.
Clarence P. Scarborough, M.D., Instructor in Surgery.
John F. Schaefer, B.S., M.D., Instructor in Surgery.
J. King B. E. Seegar, Jr., A.B., M.D., Instructor in Obstetrics.[2]
Joseph C. Sheehan, B.S., M.D., Instructor in Gynecology.
Robert C. Sheppard, M.D., Instructor in Surgery.
E. Roderick Shipley, A.B., M.D., Instructor in Surgery.
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
Ruby A. Smith, B.S., M.D., Instructor in Ophthalmology.
Merrill J. Snyder, B.S., Instructor in Bacteriology.[1]
Melchijah Spragins, B.S., M.D., Instructor in Pediatrics.
Edwin H. Stewart, Jr., M.D., Instructor in Surgery.
Cleo D. Stiles, M.D., instructor in Ophthalmology.
William T. Supik, M.D., Insrtuctor in Proctology.
Raymond K. Thompson, B.S., M.D., Instructor and Director of Research in Neurological Surgery.
Robert B. Tunney, A.B., M.D., Instructor in Gynecology.
William D. VandeGrift, M.D., Instructor in Pathology.
Edmond G. Vanden Bosche, D.D.S., Instructor in Oral Surgery,[1] School of Dentistry.
Harold L. Vyner, M.D., Instructor in Psychiatry.
Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.
Daniel Wilfson, Jr., A.B., M.D., Instructor in Medicine.
C. Herman Williams, M.D., Instructor in Medicine.[1]

ASSISTANTS

A. Maynard Bacon, Jr., B.S., M.D., Assistant in Pediatrics.
Ruth W. Baldwin, M.D., Assistant in Pediatrics and Director of the Pediatrics Seizure clinic.[1]

[3a] Resigned Jan. 31, 1950.

[1a] Appointment effective Feb. 1, to May 31, 1950.

Harry McB. Beck, A.B., M.D., Assistant in Obstetrics.[1]
Walter J. Benavent, B.S., M.D., Assistant in Plastic Surgery.[1]
Jane L. Bleakley, Assistant in Art as Applied to Medicine.
Frances C. Brown, A.B., Assistant in Physiology.
Joseph G. Bird, A.B., M.D., Assistant in Pharmacology, and Medicine.[1]
A. V. Buchness, A.B., M.D., Assistant in Surgery.
Lester H. Caplan, M.D., Assistant in Pediatrics.
John W. Chambers, M.D., Assistant in Surgery, and Neurological Surgery.
L. T. Chance, M.D., Assistant in Surgery.
Raymond J. Clayton, Jr., Assistant in Art as Applied to Medicine.[1a]
James N. Cianos, M.D., Assistant in Surgery.
Sarah Cook, A.B., M.D., Assistant Director Post Graduate Medicine,[2] and Assistant in Pediatrics.[1]
Donald D. Cooper, M.D., Assistant in Pediatrics.
Samuel H. Culver, M.D., Assistant in Surgery.
E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.
Michael L. DeVincentis, B.S., M.D., Assistant in Surgery.
William A. Dodd, B.S., M.D., Assistant in Obstetrics.[1]
William C. Dunnigan, A.B., M.D., Assistant in Surgery.
Maurice Feldman, Jr., A.B., M.D., Assistant in Medicine.
Morris A. Fine, M.D., Assistant in Medicine and Genito-Urinary Surgery.
Richard M. Garrett, M.D., Assistant in Surgery and Surgical Anatomy.[1]
William R. Geraghty, B.S., M.D., Assistant in Surgery.
Louis F. Goodman, M.D., Assistant in Surgery.
Charles W. Hawkins, M.D., Assistant in Genito-Urinary Surgery.
Sylvia Himmelfarb, A.B., Assistant in Physiology.
John H. Hirschfeld, M.D., Assistant in Otolaryngology.
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
Rollin C. Hudson, M.D., Assistant in Medicine.
Everett D. Jones, M.D., Assistant in Orthopaedic Surgery.[1]
Irvin B. Kemich, M.D., Assistant in Medicine.[1]
Lauriston L. Keown, M.D., Assistant in Medicine.[1b]
Irvin P. Klemkowski, B.S., M.D., Assistant in Obstetrics.
Raymond M. Lauer, M.D., Assistant in Medicine.[1]
Alfred S. Lederman, Assistant in Gastro-Enterology.
Frank E. Leslie, A.B., M.D., Assistant in Medicine.
William D. Lynn, A.B., M.D., Assistant in Surgery, and Assistant Director Surgical Research.
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
Clarence W. Martin, M.D., Assistant in Obstetrics.[1]
Howard B. McElwain, M.D., Assistant in Surgery.
James J. Nolan, B.S., M.D., Assistant in Medicine.
John C. Osborne, M.D., Assistant in Medicine.
Frank J. Otanasek, M.D., Assistant in Neurological Surgery.
Ross Z. Pierpont, M.D., Assistant in Surgery.
Susan R. Pincoffs, R.N., Assistant in Medicine.
Hazel Y. Pruitt, Assistant in Bacteriology.

[1a] Appointment effective May 1, 1950.
[1b] Appointment effective Feb. 9, 1950.

Frederick M. Reese, A.B., M.D., Assistant in Ophthalmology.
James Russo, M.D., Assistant in Anaesthesiology.
Mary Katherine Scarborough, Assistant in Art as Applied to Medicine.
Charles W. Shaw, M.D., Assistant in Medicine.[1]
Jerome Sherman, M.D., Assistant in Medicine.
Elizabeth Smith, M.S.S., Assistant in Psychiatric Social Work.
O. Walter Spurrier, M.D., Assistant in Pediatrics.
Thomas McClelland Stevenson, Assistant in Art as Applied to Medicine.
Stuart D. Sunday, M.D., Assistant in Medicine.
Adam Swiss, M.D., Assistant in Medicine.
T. J. Touhey, M.D., Assistant in Surgery.
Stephen J. Van Lill, III, A.B., M.D., Assistant in Medicine.
Arthur Ward, M.D., Assistant in Otolaryngology.[1]
William Earl Weeks, M.D., Assistant in Pediatrics.
J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
Marcella Wiseman, M.S.S., Assistant in Psychiatric Social Work.
Howard L. Zupnik, M.D., Assistant in Surgery.

FELLOWS

Phillip R. Apffel, M.D., Fellow in Psychiatry.
Frederick K. Bell, Ph.D., Fellow in Pharmacology.[1a]
John M. Bloxom, Jr., M.D., National Cancer Institute Trainee.[1]
George W. Bradford, M.D., Baltimore Rh Laboratory, Fellow in Medicine.
James S. Browne, M.D., Fellow in Neurosurgery.[1]
Raymond M. Burgison, M.S., Fellow in Pharmacology.
Robert S. Cato, A.B., M.D., Fellow in Roentgenology.[1b]
Robert M. N. Crosby, M.D., Hitchcock Fellow in Neurological Surgery.
Garret E. Deane, M.D., Fellow in Pediatrics.[1]
Richard F. C. Egan, M.S., John F. B. Weaver Fellow in Physiology.[1]
Mary S. Fassel, A.B., Fellow in Pharmacology.[1m]
Martin K. Gorten, M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.[1]
David B. Gray, M.D., National Cancer Institute Trainee.[1]
John B. Harman, B.S., Emerson Fellow in Pharmacology.[1m]
Hans Hoch, Ph.D., Research Fellow in Physiology.[1f]

[1a] Appointment effective June 1, to July 31, 1950; September 1 to September 15, 1950
[1b] Appointment effective Nov. 1, 1950.
[1c] Appointment effective April 1, 1950.
[1d] Appointment effective January 1, 1950.
[1e] Appointment effective September 1, 1949 to June 10, 1950.
[1f] Appointment effective Feburary 1, 1950 to May 31, 1950.
[1g] Appointment effective July 1, 1949 to September 30, 1949.
[1h] Appointment effective September 1, 1949 to August 31, 1950.
[1i] Appointment effective October 1, 1950 to September 30, 1951.
[1j] Appointment effective October 1, 1949.
[1k] Appointment effective September 1, 1950, to August 31, 1951.
[1l] Appointment effective June 1 to August 20, 1950.
[1m] Appointment effective September 1, 1950 to September 1, 1951.

Dorothy H. Hubbard, Weaver Fellow in Biological Chemistry.
Dewitt T. Hunter, John F. B. Weaver Fellow in Anatomy.[1a]
Frederick Go-Kiatsu, B.S., M.D., Fellow in Pediatrics.
N. Joyce Knapp, A.B., Eli Lilly Fellow in Pharmacology.[1j]
William E. Loechel, Albert E. Goldstein Fellow in Anatomical Art.[1d]
Go Lu, M.D., Fellow in Pharmacology.[1k]
Louis O. J. Manganiello, A.B., M.D., Fellow in Neurosurgery.
Arlie R. Mansberger, Jr., M.D., Research Fellow in Surgery.
Marion A. Marfy, M.A., Fellow in Clinical Psychology.
Suzanne Mohler, B.S., Fellow in Psychiatry.
J. Pomeroy Nichols, M.D., Fellow in Neurological Surgery.[1n]
Aaron Podolnick, B.S., M.D., Fellow in Psychiatry.
Albert M. Powell, M.D., Fellow in Pediatrics.[1]
Ruth Rabinovitch, A.B., M.D., Fellow in Psychiatry.
Robert Simonoff, Ph.D., Ohio Chemical Co., Fellow in Pharmacology.[1d]
George W. Smith, M.D., Hitchcock Fellow in Neurosurgery.[1]
C. L. Spurling, M.D., Baltimore Rh Laboratory Fellow in Medicine.[1]
William Stark, M.D., Fellow in Psychiatry.
Thomas A. Stebbins, A.B., Medical Illustrator in Gynecology.
Martin W. Treiber, John F. B. Weaver Fellow in Physiology.[1l]
Edward B. Truitt, B.S., Fellow American Foundation for Pharmaceutical Education.[1k]
Roy B. Turner, M.D., Fellow in Neurosurgery.[1n]
Robert T. Walker, M.D., Fellow in Medicine.
Geraldine F. Wolfe, B.S., U.S.P.H. Fellow in Anatomy.
Joseph B. Workman, M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.[1]

RESEARCH ASSISTANTS

Maryanne E. Berger, Research Assistant in Anatomy.[1o]
Elizabeth M. S. Boyle, A.B., Research Assistant in Biological Chemistry.[1c]
Catherine S. Brunst, A.B., Research Assistant in Anatomy.
Joseph R. Merkel, M.S., Research Assistant in Bacteriology[1]
John S. Metcalf, Jr., Research Assistant in Physiology.[1s]
Jean D. Nimmo, A.B., Research Assistant in Biological Chemistry.[1k]
Jeannette F. Rayner, Research Assistant in Psychiatry.[1r]
Carolyn M. Stout, M.S., Research Assistant in Physiology.[1j]

EXTRAMURAL ASSISTANT RESIDENTS IN MEDICINE

John F. Benson, M.D., Assistant Resident in Medicine.
Robert H. Hahn, M.D., Rotating Assistant Resident in Medicine.[1]
Howard E. Hall, M.D., Assistant Resident in Medicine.
John A. Hightower, M.D., Rotating Assistant Resident in Medicine.[1]
William Roemmich, M.D., Assistant Resident in Medicine.
Sidney J. Venable, M.D., Assistant Resident in Medicine.

[1n] Appointment effective January 1, 1951 to June 30, 1951.
[1o] Appointment effective March 1 to May 31, 1950.
[1p] Appointment effective January 1 to June 30, 1950.
[1q] Appointment effective October 1, 1949 to July 31, 1950.
[1r] Appointment effective February 1, 1950
[1s] Appointment effective September 1, 1950 to August 31, 1951.

UNIVERSITY HOSPITAL

George H. Buck, *Director*
James L. Dack, *Asst. Director*

EXECUTIVE COMMITTEE OF THE STAFF

John E. Savage, *Chairman*
Francis G. Dickey, *Secretary*

J. Edmund Bradley
T. Nelson Carey
Louis H. Douglass
Charles Reid Edwards
Jacob E. Finesinger
J. Mason Hundley, Jr.
Walter L. Kilby
F. Edwin Knowles, Jr.
Alfred T. Nelson
Maurice C. Pincoffs
Milton S. Sacks
George H. Yeager

Elected Members	*Term Expires*
Samuel T. R. Revell, Jr.	1950
Henry F. Ullrich	1950
A. H. Finkelstein	1951
Ephraim T. Lisansky	1951
James G. Arnold, Jr.	1952
Ernest I. Cornbrooks, Jr.	1952

George H. Buck, *Director, University Hospital*
H. Boyd Wylie, *Dean, School of Medicine*
Ex officio members

UNIVERSITY HOSPITAL STAFF

Physician-in-Chief	Maurice C. Pincoffs
Physicians	Thomas P. Sprunt T. Nelson Carey Louis A. M. Krause William S. Love, Jr. Howard M. Bubert Milton S. Sacks Lewis P. Gundry Samuel Morrison Thedore E. Woodward Frank J. Geraghty Edward F. Cotter C. Edward Leach Ephraim T. Lisansky Samuel T. R. Revell, Jr.
Neurologists	Irving J. Spear Leon Freedom William Fearing Edward F. Cotter George Merrill
Dermatologist-in-Chief	Harry M. Robinson, Sr.
Dermatologists	Francis A. Ellis Harry M. Robinson, Jr.
Psychiatrist-in-Chief	Jacob E. Finesinger

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

Psychiatrist	H. Whitman Newell
Pediatrician-in-Chief	J. Edmund Bradley
Pediatricians	C. Loring Joslin Gordon E. Gibbs A. H. Finkelstein William M. Seabold
Pathologist-in-Chief	Hugh R. Spencer
Pathologists	Dexter L. Reinmann John A. Wagner
Surgeon-in-Chief	Charles Reid Edwards
Surgeons	George H. Yeager Otto C. Brantigan Charles A. Reifschneider Harry C. Hull
Neurological Surgeon-in-Chief	Charles Bagley, Jr.
Neurological Surgeons	Richard G. Coblentz James G. Arnold, Jr.
Laryngologist-in-Chief	Edward A. Looper
Laryngologists	Thomas R. O'Rourk Frederick T. Kyper
Proctolologist-in-Chief	Monte Edwards
Proctologist	Thurston R. Adams
Orthopedic Surgeon-in-Chief	Allen F. Voshell
Orthopedic Surgeons	Moses Gellman Henry F. Ullrich Milton J. Wilder James P. Miller
Genito-Urinary Surgeon-in-Chief	W. Houston Toulson
Genito-Urinary Surgeons	Lyle J. Millan Howard B. Mays
Dental Surgeon-in-Chief	Brice M. Dorsey
Dentists	Myron S. Aisenberg Joseph C. Biddix Harold Golton Joseph P. Cappuccio Edward C. Dobbs Grayson W. Gaver Hugh T. Hicks Conrad L. Inman Ernest B. Nuttall Kenneth V. Randolph Wilbur O. Ramsey Lewis C. Toomey
Roentgenologist-in-Chief	Walter L. Kilby
Roentgenologists	Charles N. Davidson Donald J. Barnett

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

Bronchoscopist-in-Chief	Edward A. Looper
Bronchoscopists	Frederick T. Kyper John H. Hirschfeld Richard J. Cross
Otologist-in-Chief	Thomas R. O'Rourk
Anesthesiologist-in-Chief	Alfred T. Nelson
Anesthesiologist	Frank J. Brady
Obstetricians-in-Chief	Louis H. Douglass D. Frank Kaltreider
Obstetricians	J. Morris Reese Isadore A. Siegel John E. Savage Hugh B. McNally
Ophthalmologist-in-Chief	F. Edwin Knowles, Jr.
Ophthalmologist	Paul N. Friedman
Gynecologist-in-Chief	J. Mason Hundley, Jr.
Gynecologists	Leo Brady Beverley C. Compton John C. Dumler William K. Diehl Everett S. Diggs Ernest I. Cornbrooks, Jr.
Oncologist-in-Chief	J. Mason Hundley, Jr.
Oncologist	Grant E. Ward
Physical Therapist	Grace E. Shaw

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1950 to June 30, 1951

Joseph H. Allen, Jr., M.D., *Assistant Resident in Surgery*
José A. Alvarez, B.S., M.D., *Assistant Resident in Neurosurgery, Assigned to Baltimore City Hospitals*
Claude F. Bailey, A.B., M.D., *Assistant Resident in Obstetrics*
Joseph W. Baggett, A.B., M.D., *Co-Resident in Gynecology*
Thomas G. Barnes, A.B., M.D., *Assistant Resident in Surgery*
Van B. Bennett, A.B., M.D., *Assistant Resident in Medicine*
James M. Bisanar, M.D., *Assistant Resident in Pediatrics*
Frank E. Brumback, M.D., *Assistant Resident in Surgery*
Robert E. Cato, A.B., M.D., *Resident in Roentgenology*[1b]
Jerome E. Cohn, A.B., M.D., *Assistant Resident in Medicine*
William C. Covey, Jr., M.D., *Resident in Obstetrics*
Robert M. N. Crosby, M.D., *Resident in Neurosurgery, Exchange Res., Baltimore City Hospitals*
James F. Dougherty, Jr., M.D., *Assistant Resident in Roentgenology*
William Carl Ebeling, III, B.S., M.D., *Resident in Medicine*

[1b] Until October 31, 1950. Fellow beginning November 1.

John E. Evans, B.S., M.D., *Assistant Resident in Surgery*
J. Earle Furman, B.S., M.D., *Assistant Resident in Pediatrics*
Joseph C. Furnari, B.S., M.D., *Assistant Resident in Medicine*[1c]
Joseph B. Ganey, A.B., M.D., *Assistant Resident in Surgery*
Richard A. Gilbert, M.D., *Assistant Resident in Gynecology*
Dorothy J. Gildea, B.A., M.D., *Intern in Pediatrics*
Benjamin M. Gold, B.S., M.D., *Assistant Resident in Gynecology*
Robert C. Hagan, B.S., M.D., *Assistant Resident in Medicine, Extern.*
John R. Hankins, B.A., M.D., *Assistant Resident in Surgery*
Frederick Heldrich, Jr., B.A., M.D., *Assistant Resident in Pediatrics*
Robert M. Hidey, Jr., M.D., *Assistant Resident in Pediatrics*
John F. Hogan, M.D., *Assistant Resident Genito-Urinary Surgery, Exchange Asst. Res. Baltimore City Hospitals*
Henry K. Jarrett, Jr., M.D., *Assistant Resident in Urology, Exchange Asst. Res. Baltimore City Hospitals*
Erwin R. Jennings, A.B., M.D., *Assistant Resident in Surgery*
Whedon Johnson, A.B., M.D., *Assistant Resident in Anesthesiology*
Douglas O. Kern, M.D., *Assistant Resident in Obstetrics*
Louis O. J. Manganiello, A.B., M.D., *Exchange Resident in Neurosurgery, Baltimore City Hospitals*
Fred R. McCrumb, Jr., M.D., *Assistant Resident in Medicine*
Eugene R. McNinch, M.D., *Resident in Roentgenology*
James R. McNinch, Jr., A.B., M.D., *Assistant Resident in Surgery*
Arlie R. Mansberger, M.D., *Assistant Resident in Surgery*
Gerald A. Martin, B.S., M.D., *Assistant Resident in Medicine, Extern.*
Thomas D. Michael, M.D., *Assistant Resident in Otolaryngology*
James V. Minor, Jr., B.A., M.D., *Resident in Pediatrics*
Wallace H. Mitchell, B.S., M.D., *Assistant Resident in Obstetrics*
Pomeroy Nichols, M.D., *Assistant Resident in Neurosurgery*[1d]
William A. Niermann, M.D., *Assistant Resident in Pediatrics*
John C. Ozazewski, M.D., *Resident in Ophthalmology*
S. Malone Parham, A.B., M.D., *Assistant Resident in Obstetrics, assigned to Gynecology*
Robert T. Parker, A.B., M.D., *Assistant Resident in Medicine*
Preston H. Peterson, M.D., *Assistant Resident in Obstetrics*
Nathaniel J. Pulver, M.D., *Assistant Resident in Pediatrics*
Benson C. Schwartz, M.D., *Assistant Resident in Obstetrics*
James H. Shell, B.S., M.D., *Co-Resident in Gynecology*
Edward P. Smith, Jr., B.S., M.D., *Assistant Resident in Surgery*
Kyle Y. Swisher, Jr., M.D., *Assistant Resident in Medicine*
John J. Tansey, M.D., *Assistant Resident in Orthopedics*
F. X. Paul Tinker, B.S., M.D., *Assistant Resident in Gynecology, Assigned to Obstetrics*
Roy B. Turner, M.D., *Assistant Resident in Neurosurgery*
Jose G. Valderas, M.D., *Intern in Gynecology*
Johnson Whedon, A.B., M.D., *Assistant Resident in Anaesthesiology*
John P. White, M.D., *Assistant Resident in Surgery*
David R. Will, M.D., *Resident in Surgery*
William S. Womack, B.S., M.D., *Assistant Resident in Obstetrics*

[1c] Until September 30, 1950.
[1d] Until December 31, 1950.

John L. Wooten, M.D., *Assistant Resident in Orthopedic Surgery Exchange Asst. Res., Baltimore City Hospitals*

Henry F. Zangara, B.S., M.D., *Assistant Resident in Roentgenology*[1e]

Isidore Zerlin, B.S., M.D., *Assistant Resident in Anesthesiology*

SENIOR INTERNS

Robert A. Abraham, B.S., M.D.
Leonard Bachman, B.S., M.D.
Edward J. Broaddus, M.D.
Charles T. Henderson, M.D.
Arthur F. Hoge, Jr., B.S., M.D.
Edwin M. Hubbard, M.D.
Edmund B. Middleton, M.D.
Herbert K. Speers, M.D.
John W. Stover, M.D.
John F. Strahan, M.D.

JUNIOR INTERNS

Charles Bagley, B.S., M.D.
Wilbur N. Baumann, M.D.
Francis J. Borges, B.S., M.D.
Raymond Bradshaw, Jr., B.S., M.D.
Joseph B. Bronushas, B.S., M.D.
Elinor W. Demarest, B.A., M.D.
Warren Glaser, A.B., M.D.
Irvin G. Hoyt, B.A., M.D.
Virginia Huffer, B.S., M.D.
John F. Kelly, M.D.
Edward T. O'Hara, B.S., M.D.
Raymond C. Spaulding, Jr., B.S., M.D.

DENTAL INTERNS

Arthur M. Bushey, D.D.S.
C. W. Rader, Jr., D.D.S.

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT STAFF

Emma Winship, R. N., *Director*

Chief of Medical Clinic	———————
Physicians	T. Nelson Carey Edward F. Cotter M. Paul Byerly William K. Waller Walter Karfgin Kurt Levy Joseph E. Muse, Jr. Morris Fine James R. Karns John B. DeHoff Charles H. Williams Jonas Cohen Stephen Van Lill, III Charles E. Shaw Joseph G. Bird Marvin Goldstein Donald Mintzer
Chief of Gastro-Enterology Clinic	Francis G. Dickey
Assistant Gastro-Enterologist	Z. Vance Hooper Albert J. Shochat

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[1e] Until October 31, 1950; Resident, beginning November 1.

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*cont'd.*

Chief of Neurology Clinic	Leon Freedom
Assistant Neurologists	William L. Fearing Harry A. Teitelbaum
Chief of Chest Clinic	Meyer W. Jacobson
Assistant, Diseases of the Lungs	Manuel Levin
Chief of Diabetic Clinic	Samuel T. R. Revell, Jr.
Assistants	Charles E. Shaw Joseph G. Bird
Chief of Cardiovascular Clinic	C. Edward Leach
Assistant Cardiologists	Wilfred H. Townshend Rollin C. Hudson Sidney Scherlis Stephen J. Van Lill, III Fred B. Agee, Jr. James J. Nolan
Chief of Allergy Clinic	Howard M. Bubert
Assistant Chiefs of Allergy Clinic	Irvin B. Kemick Jerome Sherman
Assistant Allergists	Edward S. Kallins Raymond M. Lauer
Allergy Clinic Technicians	Selma R. Goldsmith Shirley W. Correll
Chief of Endocrinology Clinic	Conrad B. Acton
Director of Dermatology and Syphilis Clinic	Harry M. Robinson, Sr.
Chief of Dermatology and Syphilis Clinic	Harry M. Robinson, Jr.
Dermatologists and Syphilologists	Francis A. Ellis Israel Zeligman A. Albert Shapiro R. C. V. Robinson Eugene S. Bereston
Assistant Dermatologists and Syphilologists	Benjamin Highstein Lucile Caldwell V. Harwood Link Morris M. Cohen Mark B. Hollander William R. Bundick
Director of Psychiatric Clinic	H. Whitman Newell
Assistant Psychiatrists	Hans W. Loewald Kathryn L. Schultz William Stark Gertrude Gross Sam Novey Isadore Tuerk Rudolph Marburg Ephraim Lisansky G. S. Ingalls

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Director, Pediatric Clinic	A. H. Finkelstein
Chief of Pediatric Clinic	Samuel S. Glick
Assistant Pediatricians	Louis V. Blum Arnold F. Lavenstein Thomas E. Weeks J. Carlton Wich Howard Goodman Melvin N. Borden Lester Caplan Ruth B. Baldwin
Director, Pediatric Cardiac Clinic	Sidney Scherlis
Assistant Director, Pediatric Cardiac Clinic	Gibson J. Wells
Director, Pediatric Seizure Clinic	Ruth B. Baldwin
Chief of Surgical Clinic	Robert C. Sheppard
Assistant Surgeons	Samuel E. Proctor William B. Settle Karl F. Mech James N. Cianos Richard M. Garrett
Chief of Plastic Surgery	Edward A. Kitlowski
Chief of Orthopedic Surgery Clinic	Allen Fiske Voshell
Assistant Orthopedic Surgeons	Moses Gellman Henry F. Ullrich Milton J. Wilder James P. Miller M. R. Ettenson Hoyt Kirkpatrick, Jr.
Chief of Genito-Urinary Clinic	W. Houston Toulson
Assistant Genito-Urinary Surgeons	John F. Hogan Lyle J. Millan Morris A. Fine Howard B. Mays
Chief of Otolaryngology Clinic	Benjamin S. Rich
Assistant Otolaryngologists	Samuel L. Fox Albert Steiner Richard J. Cross
Chief of Proctology Clinic	Monte Edwards
Assistant Proctologists	Thurston R. Adams Donald B. Hebb William J. Supik Raymond Cunningham
Chief of Gynecology Clinic	J. Mason Hundley, Jr.
Assistant Chief of Gynecology Clinic	Beverley C. Compton

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Assistant Gynecologists	JOHN C. DUMLER WILLIAM K. DIEHL EVERETT S. DIGGS ERNEST I. CORNBROOKS, JR. KENNETH B. BOYD W. ALLEN DECKERT HELEN I. MAGINNIS CHARLES B. MAREK THEODORE KARDASH LOUIS C. GAREIS
Female Cystoscopists	J. MASON HUNDLEY, JR. BEVERLEY C. COMPTON WILLIAM K. DIEHL ERNEST I. CORNBROOKS, JR. EVERETT S. DIGGS
Chief of Dental Clinic	BRICE M. DORSEY
Assistant Chief of Dental Clinic	LEWIS C. TOOMEY
Assistant Dentists	JOSE MEDINA MARSHALL I. KADER ALGERT P. LAZAUSKAS EDMOND G. VANDEN BOSCHE
Chief of Obstetrical Clinic	J. HUFF MORRISON
Assistant Chief of Obstetrical Clinic	MARGARET B. BALLARD
Assistant Obstetricians	JOHN E. SAVAGE KENNETH B. BOYD W. KENNETH MANSFIELD LOUIS C. GAREIS J. K. B. E. SEEGAR CHARLES H. DOELLER, JR. GEORGE H. DAVIS THEODORE KARDASH HARRY MCB. BECK WILLIAM A. DODD IRVIN P. KLEMKOWSKI CLARENCE W. MARTIN
Chief of Oncology Clinic, Gynecological Division	J. MASON HUNDLEY, JR.
Assistants in Gynecological Division	BEVERLEY C. COMPTON JOHN C. DUMLER WILLIAM K. DIEHL ERNEST I. CORNBROOKS, JR. EVERETT S. DIGGS
Chief of Oncology Clinic, Surgical Division	GRANT E. WARD
Assistants in Surgical Division	ARTHUR G. SIWINSKI E. EUGENE COVINGTON J. DUER MOORES EDWIN H. STEWART, JR. LOUIS E. GOODMAN

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Chief of Vascular Clinic	George H. Yeager
Assistant Chief of Vascular Clinic	Raymond Cunningham
Medical Consultant—Vascular Clinic	Lewis P. Gundry
Chief of Ophthalmology Clinic	F. Edwin Knowles, Jr.
Assistant Ophthalmologists	Paul N. Friedman Cleo D. Stiles Ruby A. Smith Frederick M. Reese D. J. McHenry J. E. Brumback, Jr. Richard J. Cross Thomas Manchester
Professor of Speech	Ray Ehrensberger, Ph.D.
Associate Professor of Speech, University of Maryland at College Park	Merle Ansberry, Ph.D.
Occupational Therapist	Miss Lora E. Dunetz
Physical Therapist	Miss Mary Mason
Director, Social Service	Miss Mary Fitzpatrick

DISPENSARY REPORT FOR YEAR BEGINNING JANUARY 1, 1949 AND ENDING DECEMBER 31, 1949

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	175	4,900	5,075
Arthritis	13	24	37
Cardiology	163	1,815	1,978
Cystoscopy (gyn)	129	688	817
Cystoscopy (g.U.)	64	49	113
Dermatology	13,023	14,146	27,169
Diabetic	97	1,630	1,727
Ear, Nose and Throat	1,341	2,533	3,874
Endocrine	47	467	514
Eye	1,276	3,028	4,304
Gastro Intestinal	166	836	1,002
Genito Urinary	810	2,020	2,830
Gynecology	1,777	6,029	7,806
Hematology	25	501	526
Medical	2,590	6,393	8,983
Neurology	190	595	785
Neuro Surgery	224	521	745
Obstetrics	2,392	18,565	20,957
Occupational Therapy	101	1,039	1,140
Oncology	287	1,919	2,206
Oral Surgery	392	699	1,091
Orthopedic	1,410	4,352	5,762
Pediatrics	2,651	8,184	10,835
Pediatric Cardiology	2	40	42
Pediatric Chest	4	89	93

Departments	*New Cases*	*Old Cases*	*Total*
Pediatric Seizure	6	24	30
Physiotherapy	0	0	0
Plastic Surgery	35	26	61
Proctology	263	472	735
Psychiatry	462	478	940
Surgery	2,993	7,100	10,093
Tuberculosis	181	955	1,136
Vascular	165	895	1,060
Total	33,455	91,011	124,466

MEDICAL CARE CLINIC

UNIVERSITY HOSPITAL

Director........HENRY W. D. HOLLJES
Assistant Director........SUSAN R. PINCOFFS

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the third floor of the Dispensary Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately eighty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

5,550 public assistance clients have been assigned to this Clinic.

MERCY HOSPITAL

BOARD OF GOVERNORS

Walter D. Wise, *Chairman*

Mother M. Bernadette
Sister M. Veronica
Sister M. Carmel
Sister M. Cornelia
Sister M. Hildegarde
Sister M. Damian
Sister M. Thomas
Sister M. Brendan
Henry F. Bongardt
H. Raymond Peters
Maurice C. Pincoffs
Waitman F. Zinn
Thomas K. Galvin
Edward P. Smith
Elliott H. Hutchins
S. Edwin Muller

ADVISORY BOARD OF MERCY HOSPITAL

Most Reverend Lawrence J. Sheehan
Henry C. Evans
Thomas B. Butler
H. C. Byrd
Charles C. Conlon
Clarence E. Elderkin
Richard A. Froehlinger
William L. Galvin
August B. Haneke
Samuel H. Hoffberger
James J. Lacy[5]
James W. McElroy
Allen W. Morton
S. Page Nelson
Thomas W. Pangborn
William F. Schmick

MERCY HOSPITAL STAFF

Surgeon-in-Chief	Walter D. Wise
Surgeons	Elliott H. Hutchins F. L. Jennings R. W. Locher Thomas R. Chambers D. J. Pessagno William F. Rienhoff Henry F. Bongardt
Neurological Surgeons	Charles Bagley, Jr. Richard B. Coblentz James D. Arnold, Jr. Frank J. Otenasek John W. Chambers Raymond K. Thompson
Associate Surgeons	I. O. Ridgely James W. Nelson Howard B. McElwain Simon H. Brager John A. O'Connor Charles W. Maxson I. Ridgeway Trimble Raymond F. Helfrich

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[5] Died July 1, 1950.

MERCY HOSPITAL STAFF—*Cont'd.*

Assistant Surgeons	Julius Goodman S. Demarco, Jr. T. J. Touhey William N. McFaul, Jr. Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi Wm. C. Dunnigan Harold H. Burns William L. Garlick John F. Schaeffer F. Ford Loker Patrick C. Phelan, Jr. Michael L. DeVincentis
Plastic Surgeons	Edward A. Kitlowski Clarence P. Scarborough
Ophthalmologist	F. Edwin Knowles, Jr.
Associate Ophthalmologist	Joseph V. Jeppi
Associate Ophthalmologists and Otologists	M. Raskin Joseph I. Kemler F. A. Pacienza
Consulting Rhinologists and Laryngologists	W. Raymond McKenzie George W. Mitchell
Rhinologist and Laryngologist	Waitman F. Zinn
Associate Rhinologists and Laryngologists	Fayne A. Kayser Benjamin S. Rich Theodore A. Schwartz Birkhead Macgowan Benjamin H. Isaacs
Assistant Rhinologist and Laryngologist	Joseph V. Jeppi
Bronchoscopist	Waitman F. Zinn
Associate Bronchoscopist	Fayne A. Kayser
Assistant Bronchoscopists	Theodore A. Schwartz Robert Z. Berry
Consulting Orthopaedic Surgeon	Albertus C. Cotton
Orthopaedic Surgeon	H. L. Rogers
Associate Orthopaedic Surgeon	Henry F. Ullrich
Assistant Orthopaedic Surgeons	I. H. Maseritz J. H. Gaskel Isaac Gutman Everett D. Jones
Proctologists	Simon P. Brager William J. Supic
Urologist	Kenneth D. Legge

MERCY HOSPITAL STAFF—*Cont'd.*

Associate Urologists	Leon K. Fargo Francis W. Gillis J. S. Haines
Dermatologists	Francis A. Ellis Eugene S. Bereston R. C. V. Robinson William R. Bundick
Dentist	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Consulting Physician	Maurice C. Pincoffs
Physician-in-Chief	H. Raymond Peters
Physicians	Harvey G. Beck Thomas P. Sprunt George McLean J. Sheldon Eastland Louis A. M. Krause Thomas C. Wolff T. Nelson Carey Sol Smith
Associate Physicians	Hubert C. Knapp Bartus T. Baggott Wetherbee Fort Hugh J. Welch S. Edwin Muller Frederick J. Vollmer William H. Kammer
Assistant Physicians	S. A. Tumminello J. Howard Burns Earl L. Chambers K. W. Golley John R. Davis, Jr. J. Emmett Queen John C. Osborne Arthur Karfgin Henry J. Marriott James J. Nolan Maurice Feldman, Jr.
Associate Gastro-Enterologists	R. Frederick Leitz Theodore H. Morrison Maurice Feldman
Assistant Gastro-Enterologist	Philip D. Flynn
Pediatricians	Edgar B. Friedenwald Frederick B. Smith
Associate Pediatrician	G. Bowers Mansdorfer

MERCY HOSPITAL STAFF—*Cont'd.*

Assistant Pediatricians	Jerome Fineman O. Walter Spurrier Israel P. Meranski Edward L. Frey, Jr. Earl Weeks A. M. Bacon, Jr.
Associate Neurologists and Psychiatrists	Harry Goldsmith Philip F. Lerner George G. Merrill
Anesthesiologist	James Russo
Consulting Obstetrician	Edward P. Smith
Obstetrician-in-Chief	John J. Erwin
Obstetricians	Thomas K. Galvin Frank K. Morris Ernest S. Edlow Hugh B. McNally
Associate Obstetricians	William C. Duffy Charles H. Doeller, Jr.
Assistant Obstetricians	William A. Dodd Harry McB. Beck Joseph C. Sheehan Robert B. Tunney J. Howard Burns Harry F. Kane William J. Rysanek, Jr.
Gynecologist-in-Chief	Thomas K. Galvin
Gynecologists	Edward P. Smith John J. Erwin Frank K. Morris
Associate Gynecologists	George A. Strauss, Jr. Ernest S. Edlow Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck
Assistant Gynecologists	William C. Duffy Gerald A. Galvin Joseph C. Sheehan Robert B. Tunney Harry F. Kane William J. Rysanek, Jr.
Pathologists	Walter C. Merkel Hugh R. Spencer
Clinical Pathologist	H. T. Collenberg
Clinical Hematologist	H. Raymond Peters

MERCY HOSPITAL STAFF—*Cont'd.*

Clinical Biochemist	Charles E. Brambel
Technicians	Sister Paula Marie Eleanor Behr Elizabeth Johnson Carmela E. Minnick Constance Chapman Rita Berry Jeanne Merritt Florese Samorodin
Consulting Radiologist	Albertus Cotton
Radiologist	Edward R. Dana
Technicians (X-ray)	Mary Gorman Henrietta McCaffrey Frances Muth

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1950—JUNE 30, 1951

RESIDENT STAFF

Elden H. Pertz, B.S., M.D., *Resident Surgeon*
Karl A. Dillinger, M.D., *Associate Resident Surgeon*
August Kiel, Jr., M.D., *Assistant Resident Surgeon (Assigned to Neuro-Surgery)*
Rennert M. Smelser, M.D., *Senior Assistant Resident Surgeon*
Clyde D. Thomas, Jr., M.D., *Senior Assistant Resident Surgeon*
Margaret L. Sherrard, B.A., M.D., *Junior Assistant Resident Surgeon*
Frank J. Theuerkauf, Jr., M.D., *Junior Assistant Resident Surgeon*
Vincent dePaul Fitzpatrick, Jr., A.B., M.D., *Resident Gynecologist*
John A. Ferris, B.S., M.D., *Resident Obstetrician*
William D. Gentry, M.D., *Assistant Resident Gynecologist and Obstetrician*
Arthur R. Fleming, B.S., M.D., *Assistant Resident Gynecologist and Obstetrician*
Melchior F. R. Savarese, Jr., B.S., M.D., *Assistant Resident Gynecologist and Obstetrician*
Thomas P. Connor, A.B., M.D., *Resident Physician*
Allyn F. Judd, A.B., M.D., *Assistant Resident Physician*
Richard C. Fravel, M.D., *Assistant Resident Physician*
Howard F. Raskin, B.A., M.D., *Assistant Resident Physician*
John A. Spittel, Jr., B.S., M.D., *Assistant Resident Physician*
Richard A. Young, A.B., M.D., *Resident Pediatrician*
Mary E. Matthews, B.S., M.S., M.D., *Assistant Resident Pediatrician*

INTERNS

Mary Mediary Barstow, A.B., M.D.
Leonard G. Hamberry, A.B., M.D.
Philip W. Heuman, B.S., M.D.
Charles Ireland, M.D.
Frank T. Kasik, Jr., B.S., M.D.
Frank G. Kuehn, A.B., M.D.
William B. Rever, Jr., M.D.
Paul F. Richardson, M.D.
Oliver R. Roth, B.S., M.D.
Fowler F. White, B.S., M.D.

MERCY HOSPITAL DISPENSARY STAFF

Dispensary Director	Sister M. Anita
Supervisor of Surgical Clinic	Harold H. Burns
Dispensary Surgeons	I. Ridgeway Trimble Simon H. Brager Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi William C. Dunnigan William L. Garlick John F. Schaeffer F. Ford Loker Patrick C. Phelan Arthur G. Siwinski Melvin F. Polek Clarence P. Scarborough Michael L. DeVincentis Paul R. Ziegler
Supervisor of Genito-Urinary Clinic	Kenneth D. Legge
Assistant Genito-Urinary Surgeons	L. K. Fargo Francis W. Gillis John S. Haines
Supervisor of Orthopaedic Clinic	Harry L. Rogers
Orthopaedic Surgeons	Henry F. Ullrich Isaac Gutman I. H. Maseritz Jason H. Gaskel Everett D. Jones
Supervisor of Medical Clinic	H. Raymond Peters
Chiefs of Medical Clinic	Sol Smith S. Edwin Muller
Assistant Physicians	Frederick J. Vollmer William H. Kammer John R. Davis J. Emmett Queen Charles F. O'Donnell Arthur Karfgin John C. Osborne Maurice Feldman, Jr. James J. Nolan Milton C. Linthicum C. E. Gonzales
Chief of Allergy Clinic	S. Edwin Muller
Chief of Cardiovascular Clinic	Thomas C. Wolff
Assistant Cardiologists	Leon Ashman Henry J. Marriott
Chief of Metabolism Clinic	J. Sheldon Eastland

MERCY HOSPITAL DISPENSARY STAFF—*Cont'd.*

Assistant in Metabolism Clinic	J. E. Queen
Gastro-Enterologist	Maurice Feldman
Assistant Gastro-Enterologist	Philip Flynn
Chiefs of Pediatric Clinic	Edgar B. Friedenwald Fred B. Smith
Pediatricians	Jerome Fineman Israel T. Meranski O. Walter Spurrier Edward L. Frey, Sr. J. Carlson Wich Donald Cooper Earl Weeks Joseph Cordi
Neurologists and Psychiatrists	Philip F. Lerner George G. Merrill
Supervisor of Dermatology Clinic	Francis A. Ellis
Dermatologists	Eugene S. Bereston R. C. V. Robinson William R. Bundick
Oncologist	James W. Nelson
Chief of Gynecology Clinic	Thomas K. Galvin
Gynecologists	Edward P. Smith J. J. Erwin Frank K. Morris Ernest S. Edlow Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Harry F. Kane Robert B. Tunney Gerald A. Galvin John M. Palese
Chief of Obstetrical Clinic	John J. Erwin
Obstetricians	Harry F. Kane Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Robert B. Tunney William J. Rysanek, Jr.
Esophagoscopist	Waitman F. Zinn
Associate Esophagoscopist	Fayne A. Kayser

MERCY HOSPITAL DISPENSARY STAFF—*Cont'd.*

Rhinologists and Laryngologists	WAITMAN F. ZINN THEODORE A. SCHWARTZ BENJAMIN H. ISAACS ARTHUR WARD ROBERT Z. BERRY
Ophthalmologists and Otologists	M. RASKIN F. A. PACIENZA JOSEPH V. JEPPI
Proctologist	SIMON H. BRAGER
Assistant Proctologist	WILLIAM T. SUPIK
Supervisors of Dental Clinic	J. D. FUSCO EDWARD R. STINEBERT
Consulting Dentist	CONRAD L. INMAN
Supervisor of Physiotherapy Clinic	LEON HANNAN
Assistant Physiotherapist	ALICE R. HANNAN
Social Workers	SISTER M. SCHOLASTICA[6] ANNA SHAWBAKER MARIAN L. KINNEY
Secretaries	EVA APPLEGARTH VIRGINIA FREEZE

MEDICAL CARE CLINIC

Director	S. EDWIN MULLER
Assistant Director	FRANCES V. LOUGHNEY

The Medical Care Clinic at Mercy Hospital is one of six special clinics established and conducted for the Baltimore City Health Department. These clinics were established by the Medical and Chirurgical Faculty of Maryland and the State Planning Commission. The program takes up an unmet need for the indigent.

The City Welfare Department certifies recipients of public assistance to the Health Department. The Health Department in turn, assigns recipients to one of the medical care clinics operated by local hospitals, namely—Johns Hopkins, Sinai, University of Maryland, Mercy, Provident and South Baltimore. The clinic assignments are made primarily on a geographic basis.

During the current year the Mercy Medical Care Clinic is providing facilities for three thousand clients. It provides the eligible individual an initial physical examination, chest X-ray, bacteriological and other laboratory tests as indicated. Arrangements are also made by the Clinic to have each client register with a family physician of his or her choice selected from those Baltimore physicians who have agreed to participate in the program. The Clinic notifies the physician chosen, and sends him a complete written report of the physical findings.

The plan gives physicians an opportunity for contacts with the personnel and diagnostic facilities of the participating hospitals. At the request of the client's physician, consultation services of the Mercy Staff are made available. These services include Medicine, Surgery, Gynecology, Urology, Orthopedics, Dermatology, Neurology and other specialties, together with clinical laboratory facilities.

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[6] On Leave.

The Mercy Clinic is located on the 4th floor of the College Building. It includes a reception area, offices and examining rooms. An active personnel of Doctors, Nurses, Medical Technician and Medical Secretary are on duty from 9 A.M. to 5 P.M.

MERCY HOSPITAL DISPENSARY REPORT

JANUARY 1, 1949 TO JANUARY 1, 1950

Department	*New Cases*	*Old Cases*	*Total*
Allergy	21	149	170
Bronchoscopic	328	634	962
Cardiology	29	191	220
Dental	101	50	151
Dermatology	281	707	988
Diabetic	23	425	448
Gastro-Intestinal	40	143	183
Genito-Urinary	75	186	261
Gynecology	356	823	1,179
Medicine	521	2,677	3,198
Neurology	72	404	476
Neuro-Surgery	21	11	32
Ophthalmology	352	317	669
Orthopaedics	162	390	552
Pediatrics	387	1,129	1,516
Physiotherapy	173	1,742	1,915
Postnatal	227	1	228
Prenatal	352	2,874	3,226
Proctology	43	91	134
Rhinolaryngology	607	878	1,485
Surgery	970	2,831	3,801
Surgical Follow-Up	150	320	470
Well Clinic	92	156	248
Total	5383	17,129	22,512

THE BALTIMORE CITY HOSPITALS

STAFF, 1950–1951

PARKER J. MCMILLIN, *Superintendent*

Surgeon-in-Chief	OTTO C. BRANTIGAN, M.D.
Physician-in-Chief, Acting	C. HOLMES BOYD, M.D.
Physician-in-Chief, Radiology	JOHN DECARLO, JR., M.D.
Physician-in-Chief, Tuberculosis	H. VERNON LANGELUTTIG, M.D.
Obstetrician-in-Chief	LOUIS H. DOUGLASS, M.D.
Pediatrician-in-Chief	HAROLD E. HARRISON, M.D.
Pathologist-in-Chief	C. GARDNER WARNER, M.D.
Dental Surgeon-in-Chief, Acting	H. GLENN WARING, D.D.S.
Consultant in Psychiatry	ESTHER L. RICHARDS, M.D.
Consultant in Peripheral Vascular Diseases	GEORGE H. YEAGER, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

Visiting Thoracic Surgeon	William L. Garlick, M.D.
Visiting Surgeons	James C. Owings, M.D. I. Ridgeway Trimble, M.D. Amos Koontz, M.D. Thurston R. Adams, M.D. Harry C. Bowie, M.D.
Consultant in Traumatic Surgery	C. A. Reifschneider, M.D.
Visiting Hand Surgeon	Raymond M. Curtis, M.D.
Assistant Visiting Surgeon	Donald B. Hebb, M.D.
Visiting Neuro-Surgeons	Charles Bagley, M.D. Richard G. Coblentz, M.D. James G. Arnold, M.D.
Assistant Visiting Neuro-Surgeon	R. K. Thompson, M.D.
Consultant in Plastic Surgery	Edward A. Kitlowski, M.D.
Visiting Plastic Surgeon	Clarence P. Scarborough, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Visiting Urologists	W. Houston Toulson, M.D. Hugh Jewitt, M.D. Howard B. Mays, M.D.
Consulting Gynecologist	J. Mason Hundley, Jr., M.D.
Visiting Gynecologist	Beverly Compton, M.D.
Assistant Visiting Gynecologists	Ernest I. Cornbrooks, M.D. William K. Diehl, M.D. Everett S. Diggs, M.D.
Visiting Orthopedic Surgeons	Allen F. Voshell, M.D. Milton J. Wilder, M.D.
Assistant Visiting Orthopedic Surgeons	Isaac A. Gutman, M.D. Everett D. Jones, M.D.
Visiting Laryngologists	John Bordley, M.D. Fred T. Kyper, M.D.
Assistant Visiting Laryngologists	John H. Hirschfeld, M.D. Alfred T. Lieberman, M.D.
Visiting Ophthalmologist	Charles E. Iliff, Jr., M.D.
Visiting Oncologists	Grant E. Ward, M.D. Arthur G. Siwinski, M.D.
Visiting Anesthesiologists	Alfred T. Nelson, M.D. Theodore Stacy, M.D. Leonard Abramovitz, M.D.
Visiting Neuropathologist	John A. Wagner, M.D.
Assistant Chief Physician	Howard K. Rathbun, M.D.
Visiting Physicians	Louis A. M. Krause, M.D. William G. Speed, III, M.D. Crawford N. Kirkpatrick, M.D.
Assistant Visiting Physicians	James R. McShane, M.D. George G. Schlesinger, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

Assistant Visiting Physicians (USPHS)	John H. Miller, M.D. Leroy E. Duncan, Jr., M.D. Milton Landowne, M.D.
Physiologist (USPHS)	Nathan W. Shock, PH.D.
Visiting Neurologist	J. W. Magladery, M.D.
Assistant Visiting Neurologist	David B. Clark, M.D.
Visiting Dermatologist, Acting	Raymond C. V. Robinson, M.D.
Visiting Laboratory Physician	Julius Waghelstein, M.D.
Visiting Pediatricians	Hans Bix, M.D. Milton Markowitz, M.D.
Assistant Physician-in-Chief, Tuberculosis	Edmund G. Beacham, M.D.
Visiting Physicians, Tuberculosis	John H. Hirschfeld, M.D. Alvin S. Hartz, M.D.
Visiting Obstetrician	J. Morris Reese, M.D.
Assistant Visiting Obstetricians	D. Frank Kaltreider, M.D. John E. Savage, M.D. J. William Dorman, M.D. W. Newton Long, Jr., M.D. George W. Anderson, M.D. Louis C. Gareis, M.D.
Orthodontist	R. Kent Tongue, D.D.S.
Assistant Visiting Dental Surgeons	L. W. Bimestefer, D.D.S. Michael Varipatis, D.D.S. B. W. Miksinski, D.D.S.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

STAFF, 1950–1951

Surgeon-in-Chief and Medical Director	Allen Fiske Voshell, A.B., M.D.
Consultant in Orthopaedic Surgery and Roentgenology	Albertus Cotton, A.M., M.D.
Associate Orthopaedic Surgeons	Moses Gellman, B.S., M.D. Harry F. Ullrich, M.D. Henry F. Ullrich, M.D. Winthrop M. Phelps, A.B., M.D. Milton J. Wilder, M.D. David L. Filtzer, M.D. James P. Miller, M.D.
Roentgenologist	Charles N. Davidson, M.D.
Plastic Surgeon	Edward A. Kitlowski, A.B., M.D.
Aurist and Laryngologist	Benjamin S. Rich, A.B., M.D.
Dentist	M. E. Coberth, D.D.S.
Cardiologist	Helen M. Taussig, M.D.
Pediatrists	Melchijah Spragins, M.D.

KERNAN HOSPITAL STAFF—*Cont'd.*

Consulting Surgeon	Charles Reid Edwards, A.B., M.D.
Consulting Aurists and Laryngologists	Franklin B. Anderson, M.D. Edward A. Looper, M.D., D.Oph.
Consulting Neurological Surgeon	Charles Bagley, Jr., M.A., M.D.
Consulting Dermatologists	Harry M. Robinson, Sr., M.D. Leon Ginsburg, M.D.
Consulting Neurologists	Irving J. Spear, M.D. R. V. Seliger, M.D.
Consulting Pediatrists	Benjamin Tappan, A.B., M.D. J. Edmund Bradley, M.D.
Consulting Dentist	Harry B. McCarthy, D.D.S.
Consulting Pathologist	Hugh R. Spencer, M.D.
Consulting Roentgenologist	Henry J. Walton, M.D.
Resident Orthopaedic Surgeons	Michael R. Ettinson, M.D. Hoyt Kirkpatrick, Jr., M.D.
Superintendent	Miss Maud M. Gardner, R.N.
Dispensary and Social Service Nurse	Mrs. Evelyn Byrd Zapf, R.N.
Physical Therapists and X-ray Technicians	Mr. Henry Ewertz Mrs. Anna H. Erlanger Mrs. Georgiana Wisong
Occupational Therapist	Mrs. Catherine Shaw, O.T.
Instructor in Grammar School	Miss Bertha Sendelback

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and

Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939–1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

HOWARD ROVELSTAD, A.B., M.A., B.S.L.S.	*Acting Director of Libraries*

IDA MARIAN ROBINSON, A.B., B.S.L.S.	*Librarian*
HILDA E. MOORE, A.B., A.B.L.S.	*Assistant Librarian*
FLORENCE R. KIRK	*Assistant Librarian*
MARIE HARVIN, B.A., B.S.L.S.	*Cataloguer*
CHARLOTTE WILSON	*Assistant to the Cataloguer*
JOY S. ROBBINS	*Secretary to the Librarian*

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 32,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

DISPENSARY BUILDING

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The office of the Medical School Physician is located in this building.

The Department of Art also occupies quarters here.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933–1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service is particularly well arranged and provides accommodation for forty ward patients. This service, combined with an extensive home service, assures the student abundant obstetrical training.

During the year ending December 31, 1949, 2552 cases were delivered in the hospital and 665 cases in the outdoor department. Students in the graduating class observed at least thirty-five cases, each student being required to deliver at least eight patients in their homes.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 350 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the

Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.
The Hospital for Chronic Cases, 575 beds.
The Hospital for Tuberculosis, 280 beds.
Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1949 the out-patient visits numbered 22,187.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Requests for application forms should be filed not earlier than September 15th preceding by one year the desired date of admission. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

Consideration will be given applications received after December 1st provided the class is not complete.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

(a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and

(b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences which are currently approved by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.

(c) The following courses and credits in basic required subjects must be completed by June of the year the applicant desires to be admitted:

	Semester hours	*Quarter hours*
General biology or zoology	8	12
Inorganic chemistry	8	12
Organic chemistry	6–8	9–12
General physics	8	12
English	6	9
Modern language (German, French, Spanish)	6	9

(d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

(e) Students who are conditioned in college courses are not accepted.

Elective courses should be selected from the following three groups. Highly desirable courses are shown in bold face type.

Humanities	*Natural Sciences*	*Social Sciences*
English (an advanced course in English composition should be taken, if possible)	**Vertebrate Embryology**	Economics
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)	Comparative Vertebrate Anatomy	History
Philosophy	**Quantitative Analysis**	Political Science
	Physical Chemistry	**Psychology** (a general course is desirable)
	Mathematics	Sociology, etc.

Careful attention should be given to the selection of elective courses in the natural sciences. It is suggested that the elective list given herewith be used as a guide. The remainder of college credits should be accumulated from courses designed to promote a broad cultural development. Thirty six hours or the equivalent in session hours or courses in the humanities are recommended. Students should avoid taking courses in college which are included in the medical curriculum, for example histology, human anatomy, bacteriology, physiology, neurology and physiological chemistry.

It is not intended that these suggestions be interpreted as restrictions upon the education of students who exhibit an aptitude for the natural sciences or as limitations upon the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, given in May each year, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in other respects give promise of becoming successful students and physicians of high standing.

Those candidates for admission who are permanently accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of "C" without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE STATUS OF STUDENTS*

Students who are minors are considered to be resident students if, at the time of their registration, the parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for at least one year, provided such residence has not been acquired while attending any school or college in Maryland.

The status of the residence of a student is determined at the time of his first registration in the university and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this state by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

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* The term "parents" includes persons who have been legally constituted the guardians of or stand in loco parentis to such minor students.

CURRENT FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year)—Residents of Maryland	450.00
Tuition fee (each year)—Non-Residents	600.00
Laboratory fee (each year)	25.00
Student health service fee (each year)	20.00
Student activities and service fee (each year)	15.00
*Lodging and meals fee	6.75
Graduation fee	15.00
Re-examination fee (each subject)	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of $10.00 and of a deposit on tuition of $50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This $60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar page 5 of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee, the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of $5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

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* Junior Students will be billed for this fee, covering lodging and meals while on obstetrical service at Baltimore City Hospitals. Section B. on Schedule 2 will be billed for the first semester; Section A on Schedule 2 for the second semester. **This fee must be paid by all junior students** whether or not they serve during the previous summer or the academic year.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office $5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes, provides photographs for all school purposes, including state boards. It provides for and furnishes graduates with invitations and tickets to the Pre-commencement Exercises. It supports the activities of the Student Council.

STUDENT HEALTH SERVICE

James R. Karns, M.D. .... Director, Student Health Service.

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.
2. *Medical Attention*—Students in need of medical attention will be seen by the school physician, Dr. James R. Karns, in his office at the medical school, at 9 A.M. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.
3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.
4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.
5. *Eye Examination*—Each new matriculate is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within three months before entering the School of Medicine. Long study hours bring out unsuspected eye defects which cause much loss of time and inefficiency in study if not corrected until after school work is under way.
6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient. Students are urged, therefore, to read the latest issue of the catalogue and follow the rules set forth therein.

GRADING SYSTEM

Official grades are designated by these symbols:

Symbol	*Scholarship*	*Numerical Equivalent*
A	Superior	93–100
B	Good	87– 92
C	Fair	80– 86
D	Passing	75– 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.
2. No student will be permitted to advance with unabsolved failures.
3. A general scholastic average of C is required for advancement to junior and senior standing and for graduation.
4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.
5. A student who has failures in two completed major subjects will be dropped from the rolls.
6. All students are required to attend 85% of scheduled classes and (excluding seniors) take spring examinations unless excused by the Dean.
7. Should a student be required to repeat any year in any course, he must pay regular fees.
8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.
9. The general fitness of a candidate for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all students must be prepared to provide microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp.

A standard microscope of either Bausch & Lomb, Leitz, Spencer, or Zeiss make, fitted with the following attachments, will meet the requirements:

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.
4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.

1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.
Oculars: 10x and 5x. Huygenian eyepieces.
Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the department.

11. Students in the second year class are required to provide stethoscopes.

12. Third- and fourth-year students are required to provide haemocytometers, opthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

13. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

14. Each new matriculate in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

15. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of "C" without failures for the work of his first year in the School of Medicine.

c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

16. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed

with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

PARKING

Because of lack of space on the university parking lots no parking facilities are provided thereon for students.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

Three-Day Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.–10 a.m.)

Special Rules or Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person.

Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

Three-Day Loans: 5¢ per day.

Overnight Loans: 5¢ per hour.

Lost Books: List price of the book. (Lost books should be reported at once)

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

Period elapsed after instruction begins.	*Percentage refundable*
Two weeks or less	80%
Between two and three weeks	60%
Between three and four weeks	40%
Between four and five weeks	20%
After five weeks	0

PRIZES

THE FACULTY PRIZE

The faculty will award the gold medal and certificate and five certificates of honor to those six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value $100.00 each)

A certificate of proficiency and a prize of $100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Faculty Board showing greatest proficiency in Dermatology.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed four months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value $100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Faculty Board "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value $100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value $100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Faculty Board, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value $125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Faculty Board, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Faculty Board to a student of the senior class in need of assistance who presents to the Faculty Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value $200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuroanatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value $300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value $150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Faculty Board may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value $125.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Faculty Board to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately $250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Faculty Board to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of $500.00 is now available to cover two (2) scholarships in the amount of $250.00 each for a given scholastic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School in collaboration with the Scholarship and Loan Committee of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of $100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of $100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under fifteen departments.

1. Anatomy.
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology.
12. Roentgenology.
13. Anaesthesiology.
14. Psychiatry.
15. Pediatrics.

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY

Eduard Uhlenhuth	Professor of Anatomy, and Head of Department
Frank H. J. Figge	Professor of Anatomy
Otto C. Brantigan	Professor of Surgical Anatomy
O. G. Harne	Associate Professor of Anatomy
Vernon E. Krahl	Associate Professor of Anatomy
R. Dale Smith	Associate Professor of Anatomy
W. Wallace Walker	Associate Professor of Surgical Anatomy
John F. Lutz	Assistant Professor of Anatomy
William B. Settle	Assistant Professor of Surgical Anatomy
Karl F. Mech	Associate in Anatomy
Herbert E. Reifschneider	Associate in Surgical Anatomy
Harry C. Bowie	Associate in Surgical Anatomy
Ross Z. Pierpont	Associate in Surgical Anatomy
V. V. Brunst	Research Associate in Anatomy
H. Patterson Mack	Instructor in Anatomy
Louis O. J. Manganiello	Instructor in Anatomy
Charles W. Hawkins	Instructor in Anatomy
Richard M. Garrett	Assistant in Surgical Anatomy
Geraldine F. Wolfe	U. S. P. H. Fellow
DeWitt T. Hunter	John F. B. Weaver Fellow in Anatomy
William E. Loechel	Albert E. Goldstein Fellow in Anatomical Art

Gross Anatomy. *First Year.* First semester. The gross structure of the human body, studied by dissection of the human cadaver. The entire human body is dissected. Approximately 390 hours; of these 88 hours are devoted to lectures and conferences, the rest to laboratory work and demonstrations. Drs. Uhlenhuth, Krahl, Smith, Mech, and Hawkins.

First Year. First Semester. Peripheral Nervous System. A lecture course of approximately 32 hours, in two-hour periods each Saturday morning. Dr. Uhlenhuth.

First Year. First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body. While much of the time is devoted to the study of fixed and stained non-living tissues and organs, the development of a concept of the dynamic and functional aspects of living cells and organs is the primary goal of the course. 150 hours. Dr. Figge, Prof. Harne, Drs. Lutz, Mack and Manganiello.

First Year. Second Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 100 hours. Dr. Figge, Prof. Harne, Dr. Lutz, Mack and Manganiello.

Second Year. Second Semester. Topographic and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and demonstrate all points, outlines and regions of the cadaver. Underlying regions are dissected to bring out outlines and relations of structures. Dr. Brantigan and staff.

Total hours: 96

Graduate and Postgraduate Courses. Consult the general catalog of the University of Maryland for descriptions of these courses.

DEPARTMENT OF PHYSIOLOGY

William R. Amberson	Professor of Physiology
Dietrich C. Smith	Professor of Physiology
Frederick P. Ferguson	Assistant Professor of Physiology
J. McCullough Turner	Assistant Professor of Physiology
Samuel L. Fox	Instructor in Physiology
Sylvia Himmelfarb	Assistant in Physiology
Frances C. Brown	Assistant in Physiology
Richard F. C. Egan	John F. B. Weaver Fellow in Physiology

The course in physiology is given in two parts:

First Year. Second Semester. Neuro-muscular physiology is presented in two lectures a week, without laboratory work.

Second Year. First Semester. The remainder of the subject is presented in four lectures, one conference, and two laboratory periods a week.

The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel	Professor of Bacteriology and Head of the Department
Edward Steers	Associate Professor of Bacteriology
Andrew G. Smith	Assistant Professor of Bacteriology
H. Edmund Levin	Associate in Bacteriology
Hazel Y. Pruitt	Assistant in Bacteriology
Merrill J. Snyder	Instructor in Bacteriology
Joseph R. Merkel	Research Assistant in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 120.
Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

Emil G. Schmidt	Professor of Biological Chemistry and Head of the Department
Edward J. Herbst	Assistant Professor of Biological Chemistry
Raymond E. Vanderlinde	Assistant Professor of Biological Chemistry
William H. Summerson	Lecturer in Biological Chemistry
Ann Virginia Brown	Instructor in Biological Chemistry
Elizabeth M. S. Boyle	Research Assistant in Biological Chemistry
Jean D. Nimmo	Research Assistant in Biological Chemistry
Dorothy D. Hubbard	Weaver Fellow in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PHARMACOLOGY

John C. Krantz, Jr.	Professor of Pharmacology and Head of the Department
C. Jelleff Carr	Associate Professor of Pharmacology
Harry K. Iwamoto	Assistant Professor of Pharmacology
Ruth Musser	Instructor in Pharmacology
Joseph G. Bird	Assistant in Pharmacology
Amedeo S. Marrazzi	Lecturer in Pharmacology
William G. Harne	Demonstrator in Pharmacology
Frederick K. Bell	Fellow in Pharmacology
Mary S. Fassel	Emerson Fellow in Pharmacology
John B. Harmon	Emerson Fellow in Pharmacology
Raymond M. Burgison	Fellow in Pharmacology

Go Lu .... Fellow in Pharmacology
N. Joyce Knapp .... Eli Lilly Fellow in Pharmacology
Robert Simonoff .... Ohio Chemical Co., Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer .... Professor of Pathology and Head of the Department
Robert B. Wright .... Associate Professor of Pathology
C. Gardner Warner .... Associate Professor of Pathology
Walter C. Merkel .... Associate Professor of Pathology
Dexter L. Reimann .... Associate Professor of Pathology
John A. Wagner .... Associate Professor of Pathology
Albert E. Goldstein .... Assistant Professor of Pathology
Milton S. Sacks .... Associate in Pathology
Benedict Skitarelic .... Associate in Pathology
Donald E. Fisher .... Associate in Pathology
Charles P. Barnett .... Associate in Pathology
Conrad B. Acton .... Instructor in Pathology
Howard B. Mays .... Instructor in Pathology
Ephraim T. Lisansky .... Instructor in Pathology
D. McClelland Dixon .... Instructor in Pathology
William B. VandeGrift .... Instructor in Pathology
William J. Bryson .... Instructor in Pathology
Karl F. Mech .... Instructor in Pathology
Seymour W. Rubin .... Instructor in Pathology
Theodore Kardash .... Instructor in Pathology
William C. Manion .... Instructor in Pathology
Louis C. Gareis .... Instructor in Pathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

General Pathology. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

Autopsies. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

Clinical-Pathological Conference. (*Fourth Year.*) These exercises are held in collaboration with the various clinical departments. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs	Professor of Medicine and Head of the Department
T. Nelson Carey	Professor of Clinical Medicine
Thomas P. Sprunt	Professor of Clinical Medicine
H. Raymond Peters	Professor of Clinical Medicine
Louis A. M. Krause	Professor of Clinical Medicine
William S. Love, Jr.	Associate Professor of Medicine
Thomas C. Wolff	Associate Professor of Medicine
Howard M. Bubert	Associate Professor of Medicine
J. Sheldon Eastland	Associate Professor of Medicine
Milton S. Sacks	Associate Professor of Medicine
Lewis P. Gundry	Associate Professor of Medicine
Samuel Morrison	Associate Professor of Medicine
Theodore E. Woodward	Associate Professor of Medicine
William H. Smith	Associate Professor of Clinical Medicine
George McLean	Assistant Professor of Medicine
Wetherbee Fort	Assistant Professor of Medicine
Frank J. Geraghty	Assistant Professor of Medicine
H. Vernon Langeluttig	Assistant Professor of Medicine
Sol Smith	Assistant Professor of Medicine
Edward F. Cotter	Assistant Professor of Medicine
C. Edward Leach	Assistant Professor of Medicine
Ephraim T. Lisansky	Assistant Professor of Medicine
Samuel T. R. Revell, Jr.	Assistant Professor of Medicine
Henry J. Marriott	Assistant Professor of Medicine
Samuel Legum	Associate in Medicine
Robert A. Reiter	Associate in Medicine
W. Grafton Herspberger	Associate in Medicine
Meyer W. Jacobson	Associate in Medicine
Conrad B. Acton	Associate in Medicine
Francis G. Dickey	Associate in Medicine
Lawrence M. Serra	Associate in Medicine
Marie A. Anderesch	Associate in Medicine and Lecturer in Biological Chemistry
Harry M. Robinson, Jr.	Associate in Medicine

William K. Waller	Associate in Medicine
Arthur Karfgin	Associate in Medicine
M. Paul Byerly	Associate in Medicine
Henry W. D. Holljes	Associate in Medicine
S. Edwin Muller	Associate in Medicine
Sidney Scherlis	Associate in Medicine
Kurt Levy	Associate in Medicine
Wilfred H. Townshend	Associate in Medicine
Alvin J. Hartz	Associate in Medicine
James R. Karns	Associate in Medicine
Edmund G. Beacham	Associate in Medicine
Richard A. Carey	Associate in Medicine
Philip D. Flynn	Instructor in Medicine
Edward S. Kallins	Instructor in Medicine
John A. Myers	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
M. Paul Padget	Instructor in Medicine
Leon Ashman	Instructor in Medicine
Joseph E. Muse	Instructor in Medicine
Daniel Wilfson, Jr.	Instructor in Medicine
William H. Kammer, Jr.	Instructor in Medicine
Samuel J. Hankin	Instructor in Medicine
Frederick J. Vollmer	Instructor in Medicine
Louis J. Kroll	Instructor in Medicine
John R. Davis	Instructor in Medicine
Ernest G. Guy	Instructor in Medicine
John B. deHoff	Instructor in Medicine
Jonas Cohen	Instructor in Medicine
Charles F. Brambel	Instructor in Medicine
Walter Karfgin	Instructor in Medicine
L. Ann Hellen	Instructor in Medicine
Audrey M. Funk	Instructor in Medicine
J. Emmett Queen	Instructor in Medicine
Leon A. Kochman	Instructor in Medicine
Robert E. Bauer	Instructor in Medicine
C. Herman Williams	Instructor in Medicine
Morris Fine	Assistant in Medicine
Rollin C. Hudson	Assistant in Medicine
Stephen J. Van Lill, III	Assistant in Medicine
Franklin E. Leslie	Assistant in Medicine
Adam Swiss	Assistant in Medicine
John C. Osborne	Assistant in Medicine
Stuart D. Sunday	Assistant in Medicine
Irvin B. Kemick	Assistant in Medicine
Raymond M. Lauer	Assistant in Medicine
Maurice Feldman, Jr.	Assistant in Medicine
James J. Nolan	Assistant in Medicine
Lauriston L. Keown	Assistant in Medicine
Charles E. Shaw	Assistant in Medicine
Joseph G. Bird	Assistant in Medicine

GENERAL OUTLINE

Second Year

Introduction to clinical medicine.
- (a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)
- (b) Medical clinics. (1 hour a week, second semester.)

Third Year

- I. The methods of examination: (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.
  Instruction includes lectures and practice in the wards, outpatient department and laboratory.
- II. The principles of medicine:
  - (a) Lectures, clinics and demonstrations in general medicine, neurology, and preventive medicine.

  Third Year teaching of physical diagnosis is carried out chiefly in the various units of the City Hospital.

Fourth Year

The practice of medicine:
- I. Clinical clerkship on the medical wards (31 hours a week for ten weeks).
  - (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
  - (b) Ward classes, ward rounds and conferences in general medicine, the medical specialties, and therapeutics.
- II. Dispensary work in the medical specialties.
- III. Clinical-pathological conferences (1 hour a week).

The medical dispensary of the University Hospital is utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Clinical clerkships in the Fourth Year are served on the medical wards of both the University and Mercy Hospitals.

PHYSICAL DIAGNOSIS

T. Conrad Wolff	Associate Professor of Medicine, and Head of the Division of Physical Diagnosis
Robert A. Reiter	Associate in Medicine
Samuel Legum	Associate in Medicine
Irving Freeman	Associate in Medicine
Grafton Hersperger	Associate in Medicine
Kurt Levy	Associate in Medicine
Edmund G. Beacham	Associate in Medicine
Alvin J. Hartz	Associate in Medicine
Louis Kroll	Instructor in Medicine
Daniel Wilfson	Instructor in Medicine
Leon Ashman	Instructor in Medicine
Joseph Muse	Instructor in Medicine

Samuel Hankin	Instructor in Medicine
John B. DeHoff	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
Leon A. Kochman	Instructor in Medicine
Stuart D. Sunday	Assistant in Medicine
Elizabeth D. Sherrill	Assistant in Medicine

The course in physical diagnosis starts with the first semester of the Sophomore year and ends with the termination of the second semester of the Junior year.

First Semester—Second Year—Lecture, one hour weekly covering the technique of history writing and the mechanics of the physical signs elicited in the normal person through inspection, palpation, percussion and auscultation.

Second Semester—Second Year—Lecture, one hour weekly, covering the technique of history writing in cases involving disease, and the mechanics of pathological physical signs on inspection, palpation, percussion and auscultation.

In the third and fourth quarters small tutorial groups are formed, each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter for one afternoon weekly. In the fourth quarter the students become acquainted with abnormal signs through examination of hospital patients.

Third Year—a. The class is divided into four sections. Each section receives bedside instruction in physical diagnosis for seven weeks (2 hrs. daily). For this purpose small groups under an instructor are formed. The instruction is carried on in the Baltimore City Hospitals but in addition advantage is occasionally taken of the clinical opportunities in other institutions.

b. Lecture course (1 hr. weekly for 15 weeks) covering the mechanisms of abnormal signs.

TROPICAL MEDICINE

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

CARDIOLOGY

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

In the fourth year students are assigned for two periods weekly for five weeks to the Cardiac Clinic and attend consultation rounds and conferences on cardiovascular cases on the Medical wards.

GASTRO-ENTEROLOGY

Theodore H. Morrison	Clinical Professor of Gastro-Enterology
Samuel Morrison	Associate Professor of Gastro-Enterology
Maurice Feldman	Assistant Professor of Gastro-Enterology
Zachariah Morgan	Assistant Professor of Gastro-Enterology
Francis G. Dickey	Associate in Medicine
Z. Vance Hooper	Associate in Gastro-Enterology
Albert J. Shochat	Instructor in Gastro-Enterology
Alfred S. Lederman	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Students attend the gastro-intestinal clinic for two periods weekly for five weeks, and consultation rounds on gastro-intestinal cases on the Medical wards. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

NEUROLOGY

Leon Freedom	Associate Professor of Neurology
Philip F. Lerner	Assistant Professor of Neurology
William L. Fearing	Associate in Neurology
Edward F. Cotter	Associate in Neurology
Harry Teitelbaum	Associate in Neurology
George G. Merrill	Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. Fourth year students in the Medical section attend neurological consultation rounds on ward patients in the University and Mercy Hospitals. All patients presented at these clinics are carefully examined.

Dispensary Instructions. Small sections are instructed in the neurological dispensary of the Mercy Hospital five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

DERMATOLOGY AND SYPHILOLOGY

Harry M. Robinson, Sr.	Professor of Dermatology
Francis A. Ellis	Assistant Professor of Dermatology
Harry M. Robinson, Jr.	Assistant Professor of Dermatology
Eugene S. Bereston	Associate in Dermatology
A. Albert Shapiro	Associate in Dermatology

Israel Zeligman	Associate in Dermatology
R. C. V. Robinson	Associate in Dermatology
Lucile J. Caldwell	Instructor in Dermatology
Benjamin Highstein	Instructor in Dermatology
Mark B. Hollander	Instructor in Dermatology
V. Harwood Link	Instructor in Dermatology
Morris M. Cohen	Instructor in Dermatology
William R. Bundick	Instructor in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of conferences and demonstrations of the common skin diseases and venereal diseases in the outpatient dermatologic and syphilis clinics and on the medical wards.

CLINICAL PATHOLOGY

Milton S. Sacks	Associate Professor of Medicine and Head of the Division of Clinical Pathology
John A. Wagner	Associate Professor of Pathology
Sol Smith	Assistant Professor of Medicine
Marie A. Andersch	Biochemist, University Hospital, Associate in Medicine
S. Edwin Muller	Associate in Medicine
L. Ann Hellen	Instructor in Medicine
Audrey M. Funk	Instructor in Medicine
Martin H. Gorten	Baltimore RH Laboratory Fellow in Medicine
Joseph B. Workman	Baltimore RH Laboratory Fellow in Medicine

Third Year. First and second semesters. The course in Clinical Pathology is designed to train the student in the performance and interpretation of fundamental diagnostic laboratory procedures used in clinical medicine.

During the first semester the work is devoted to a thorough consideration of diseases of the hematopoietic system. In the second semester, laboratory work in urinalysis, gastric analysis, hepatic, pancreatic and renal functions, together with a thorough discussion of underlying biochemical and physiological mechanisms is undertaken. During this semester examination of cerebrospinal fluid, transudates and exudates is included. Elements of clinical parasitology complete the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128.

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independent of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

HYGIENE AND PUBLIC HEALTH

Huntington Williams	Professor of Hygiene and Public Health
William H. F. Warthen	Associate Professor of Hygiene and Public Health
Ross Davies	Associate Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at the Western Health District Building of the City Health Department, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

LEGAL MEDICINE

Russell S. Fisher	Associate Professor of Legal Medicine
Henry C. Freimuth	Associate in Legal Medicine
Stanley H. Durlacher	Associate in Legal Medicine
William V. Lovitt, Jr.	Instructor in Legal Medicine

Third Year. This course embraces a summary of medical jurisprudence including the laws governing the practice of medicine, industrial compensation and malpractice, proceedings in criminal and civil prosecution, medical evidence and testimony, identification of bodies, injuries by blunt force, gunshot and other mechanisms, natural and homicidal deaths, medicolegal toxicology and the medicolegal autopsy. (12 hours.)

Elective Course (summer). A small number of students may upon application be assigned to elective work in the laboratory of the Chief Medical Examiner of the State of Maryland.

DEPARTMENT OF PEDIATRICS

J. Edmund Bradley	Professor of Pediatrics and Head of the Department
C. Loring Joslin	Professor of Pediatrics
Edgar B. Friedenwald	Professor of Clinical Pediatrics
A. H. Finkelstein	Associate Professor of Pediatrics
Gordon E. Gibbs	Associate Professor Clinical Research
Frederick B. Smith	Associate Clinical Professor of Pediatrics
Albert Jaffe	Associate Clinical Professor of Pediatrics
Samuel S. Glick	Assistant Professor of Pediatrics
Jerome Fineman	Assistant Professor of Pediatrics
Gibson J. Wells	Assistant Professor of Pediatrics
William M. Seabold	Assistant Professor of Pediatrics
Clewell Howell	Associate in Pediatrics
G. Bowers Mansdorfer	Associate in Pediatrics
Arnold F. Lavenstein	Instructor in Pediatrics
Mary L. Hayleck	Instructor in Pediatrics

Israel P. Meranski	Instructor in Pediatrics
Melchijah Spragins	Instructor in Pediatrics
Thomas A. Christensen	Instructor in Pediatrics
Joseph M. Cordi	Instructor in Pediatrics
William Earl Weeks	Assistant in Pediatrics
J. Carlton Wich	Assistant in Pediatrics
O. Walter Spurrier	Assistant in Pediatrics
Lester Caplan	Assistant in Pediatrics
A. Maynard Bacon, Jr.	Assistant in Pediatrics
Donald D. Cooper	Assistant in Pediatrics
Sara Cook	Assistant in Pediatrics
Ruth Baldwin	Assistant in Pediatrics
Garrett Deane	Fellow in Pediatrics
Albert Powell	Fellow in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. A clinic in the amphitheatre is given at which time patients are shown demonstrating the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems of diagnosis, care, treatment and clinical pathology of diseases of infants and children. (30 hours.)

Students are assigned subjects on which to prepare theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory work, and following up patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day is devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under the supervision of an instructor. (45 hours.)

Total hours: 300.

DEPARTMENT OF PSYCHIATRY

Jacob E. Finesinger	Professor of Psychiatry and Head of the Department
H. Whitman Newell	Associate Professor of Psychiatry
Harry M. Murdock	Assistant Professor of Psychiatry
Philip S. Wagner	Assistant Professor of Psychiatry
Hans W. Loewald	Assistant Professor of Psychiatry
William W. Elgin	Assistant Professor of Psychiatry
J. G. N. Cushing	Assistant Professor of Psychiatry
Kathryn L. Schultz	Assistant Professor of Psychiatry
Isadore Tuerk	Associate in Psychiatry
Ephraim T. Lisansky	Associate in Psychiatry

Kathryn Dice	Associate in Clinical Psychology
Robert G. Grenell	Research Associate in Psychiatry
Elizabeth LaForge	Associate in Psychiatric Social Work
A. Russell Anderson	Instructor in Psychiatry
Francis J. McLaughlin	Instructor in Psychiatry
Samuel Novey	Instructor in Psychiatry
Marion W. Mathews	Instructor in Psychiatry
Enoch Callaway, Jr.	Instructor in Psychiatry
William N. Fitzpatrick	Assistant in Psychiatry
Gertrude Gross	Assistant in Psychiatry
Marcella Weisman	Assistant in Psychiatric Social Work
William Stark	Fellow in Psychiatry
Marvin Jaffe	Fellow in Psychiatry
Virginia Suttonfield	Fellow in Psychiatry
Marion A. Marfy	Fellow in Clinical Psychology
Jeannette F. Rayner	Research Assistant in Psychiatry

First Year. Fourteen two-hour periods during the second semester are devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding and evaluating the personal and social factors in the disease process, in treatment and prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Second Year. Fourteen two-hour periods are spent in the first semester in discussions and lectures. The emphasis is on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology and sociology. Patients are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Third Year. Sixteen lecture hours are devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment are reviewed, but the main emphasis is toward familiarizing the student with forms of therapy feasible in routine medical practice. During 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service. Topics are assigned from the current literature for group discussion. Four afternoons are spent in the wards of the Spring Grove State Mental Hospital in examining patients with emphasis in the diagnosis, treatment and management of the psychoses. Eight clinics are held for the entire fourth-year class.

DEPARTMENT OF SURGERY

Charles Reid Edwards	Professor of Surgery, and Acting Head of the Department
Walter D. Wise	Professor of Surgery
Elliott H. Hutchins	Professor of Surgery
F. L. Jennings	Professor of Clinical Surgery
D. J. Pessagno	Professor of Clinical Surgery
George H. Yeager	Professor of Clinical Surgery
Monte Edwards	Clinical Professor of Surgery
Otto C. Brantigan	Professor of Clinical Surgery
Harry C. Hull	Professor of Clinical Surgery
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thomas R. Chambers	Associate Professor of Surgery
R. W. Locher	Associate Professor of Clinical Surgery
Edward S. Johnson	Associate Professor of Surgery
Grant E. Ward	Associate Professor of Surgery
Cyrus F. Horine	Associate Professor of Surgery
Charles W. Maxson	Associate Professor of Surgery
C. W. Peake	Associate Professor of Surgery
James W. Nelson	Associate Professor of Surgery
William F. Reinhoff, Jr.	Associate Professor of Surgery
I. Ridgeway Trimble	Associate Professor of Surgery
W. Wallace Walker	Associate Professor of Surgery and Surgical Anatomy
H. F. Bongardt	Assistant Professor of Surgery
I. O. Ridgely	Assistant Professor of Surgery
Simon H. Brager	Assistant Professor of Surgery and Proctology
Thurston R. Adams	Assistant Professor of Surgery
Raymond F. Helfrich	Associate in Surgery
William B. Settle	Associate in Surgery
Arthur G. Siwinski	Associate in Surgery
George Govatos	Associate in Surgery
Joseph V. Jerardi	Associate in Surgery
Herbert E. Reifschneider	Associate in Surgery
Harold H. Burns	Associate in Surgery
William L. Garlick	Associate in Surgery
Harry C. Bowie	Associate in Surgery
William D. Lynn	Research Associate in Surgery
Joseph M. Miller	Lecturer in Surgery
J. Duer Moores	Instructor in Surgery
Calvin Hyman	Instructor in Surgery
Clyde F. Karns	Instructor in Surgery
Daniel R. Robinson	Instructor in Surgery
George H. Brouillet	Instructor in Surgery
John F. Schaefer	Instructor in Surgery
Robert F. Healy	Instructor in Surgery
Robert C. Sheppard	Instructor in Surgery

Samuel E. Proctor	Instructor in Surgery
F. Ford Loker	Instructor in Surgery
E. Roderick Shipley	Instructor in Surgery
Edwin H. Stewart, Jr.	Instructor in Surgery
Patrick C. Phelan, Jr.	Instructor in Surgery
William R. Geraghty	Assistant in Surgery
Howard B. McElwain	Assistant in Surgery
A. V. Buchness	Assistant in Surgery
T. J. Touhey	Assistant in Surgery
Samuel H. Culver	Assistant in Surgery
L. T. Chance	Assistant in Surgery
W. Allen Deckert	Assistant in Surgery
William C. Dunnigan	Assistant in Surgery
Howard L. Zupnik	Assistant in Surgery
Raymond M. Cunningham	Assistant in Surgery
John W. Chambers	Assistant in Surgery
Ross Z. Pierpont	Assistant in Surgery
Michael L. DeVincentis	Assistant in Surgery
Louis E. Goodman	Assistant in Surgery
James N. Cianos	Assistant in Surgery
Richard M. Garrett	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

Topographic and Surgical Anatomy. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider and Pierpont.

Total hours: 96.

Principles of Surgery. *Second semester.* The course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

General and Regional Surgery. Lectures, recitations and clinics on the principles of surgery, general surgery including fractures and dislocations are given three hours a week to the whole class. Dr. Hull.

The class is divided into groups and receives instruction in history-taking and surgical pathology under the supervision of the chief of the pathology department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at this institution by Drs. Hull, C. A. Reifschneider, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

Operative Surgery. Two courses in operative surgery are given under the supervision of Dr. Yeager assisted by Drs. Brager, Deckert, Govatos, Gutman, Healy, C. F. Karns, Mech, Joseph Miller, Peake and Rigdon. The class is divided into sections and each section is given practical and individual work under the supervision of instructors.

Surgical Out-patient Department. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

Clinics. A weekly clinic is given at Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. Wise. University Hospital—Dr. C. R. Edwards.

Surgical Pathology:—Mercy Hospital. Specimens from the operating room and museum are studied in the gross and microscopically in relation to the case history. 14 hours. Dr. Pessagno.

Surgery of the Chest:—Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

Traumatic Surgery. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

Clinical Clerkship. This work includes the personal study of assigned hospital patients under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Blake, Pessagno, Nelson, Trimble, Brager and Jerardi. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

ORTHOPAEDIC SURGERY

Allen Fiske Voshell	Professor of Orthopaedic Surgery
Harry L. Rogers	Clinical Professor of Orthopaedic Surgery
Moses Gellman	Associate Professor of Orthopaedic Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
Milton J. Wilder	Assistant Professor in Orthopaedic Surgery
I. H. Maseritz	Associate in Orthopaedic Surgery
Jason H. Gaskel	Instructor in Orthopaedic Surgery
Isaac Gutman	Instructorin Orthopaedic Surgery
Everett D. Jones	Assistant in Orthopaedic Surgery

Didactic, clinical, bedside and out-patient instruction is given in the fourth year at the University and Mercy Hospitals and Dispensaries, Kernan Hospital for Crippled Children at Dickeyville and Baltimore City Hospitals. Instruction is also given in the third year to small groups at the Baltimore City Hospitals.

Weekly lectures throughout the year present all phases of orthopaedic surgery except fractures; brief discussions and demonstration of physical and occupational therapy are included.

Fourth year groups are given more intimate instruction biweekly at one of the above institutions; fracture cases are included.

Third year	60 hours
Fourth year	90 hours
Total	150 hours

OTOLARYNGOLOGY

Edward A. Looper	Professor of Otolaryngology and Head of the Department
Waitman F. Zinn	Professor of Otolaryngology
Thomas R. O'Rourk	Professor of Otolaryngology
Benjamin S. Rich	Associate Professor of Otolaryngology
Frederick T. Kyper	Associate Professor of Otolaryngology
Fayne A. Kayser	Associate Professor of Otolaryngology
Franklin B. Anderson	Associate Professor of Otolaryngology
W. Raymond McKenzie	Assistant Professor of Otolaryngology
Samuel L. Fox	Associate in Otolaryngology
Benjamin H. Isaacs	Associate in Otolaryngology
Robert Z. Berry	Associate in Otolaryngology
Richard J. Cross	Assistant in Otolaryngology
John H. Hirschfeld	Assistant in Otolaryngology
Arthur Ward	Assistant in Otolaryngology

Third Year. Instruction to the whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for eight weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for three hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper, and associates.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year	9 hours
Fourth year	53 hours
Total	62 hours

GENITO-URINARY SURGERY

W. Houston Toulson	Professor of Genito-Urinary Surgery
Kenneth D. Legge	Professor of Clinical Genito-Urinary Surgery
Howard B. Mays	Assistant Professor of Genito-Urinary Surgery
Francis W. Gillis	Assistant Professor of Genito-Urinary Surgery
John F. Hogan	Assistant Professor of Genito-Urinary Surgery
Austin H. Wood	Associate in Genito-Urinary Surgery
Lyle J. Millan	Associate in Genito-Urinary Surgery
L. K. Fargo	Associate in Genito-Urinary Surgery
Hugh J. Jewett	Associate in Genito-Urinary Surgery
John S. Haines	Associate in Genito-Urinary Surgery
Charles W. Hawkins	Assistant in Genito-Urinary Surgery
Morris A. Fine	Assistant in Genito-Urinary Surgery

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student is placed on his own responsibility in arriving at a diagnosis. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	6 hours
Fourth year	39 hours
Total	45 hours

PROCTOLOGY

Monte Edwards	Professor of Proctology
Thurston R. Adams	Assistant Professor of Proctology
Simon H. Brager	Assistant Professor of Proctology

Donald B. Hebb	Instructor in Proctology
William T. Supik	Instructor in Proctology
Raymond M. Cunningham	Instructor in Proctology

Third Year. Seven lectures are given to the whole class. The course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Supik and Brager. University Hospital—Drs. Monte Edwards and Adams.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

OTOLOGY

Thomas R. O'Rourk	Professor of Otolaryngology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides. Dr. O'Rourk and associates.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery. Dr. O'Rourk and associates.

Third year	12 hours
Fourth year	40 hours
Total	52 hours

NEUROLOGICAL SURGERY

Charles Bagley, Jr.	Professor of Neurological Surgery
Richard G. Coblentz	Professor of Clinical Neurological Surgery
James G. Arnold, Jr.	Associate Professor of Neurological Surgery
John A. Wagner	Associate Professor of Pathology and Neuropathology
Robert Oster	Associate in Electro-physiology, and Director of the Hoffberger Electroencephalographic Laboratory
Raymond K. Thompson	Instructor in Neurological Surgery, Director of Neurological Surgery Research
Frank J. Otenasek	Assistant in Neurological Surgery

John W. Chambers	Assistant in Neurological Surgery
Louis O. J. Manganiello	Research Fellow, Fund B, assigned to Neurological Surgery, Exchange Resident in Neurosurgery, Baltimore City Hospitals
Robert M. N. Crosby	Resident in Neurological Surgery, University Hospital, Exchange Resident in Neurosurgery Baltimore City Hospitals
George W. Smith	Hitchcock Fellow in Neurological Surgery, Assigned to Research
José A. Alvarez	Assistant Resident, Baltimore City Hospitals, Assigned to Neurological Surgery
Pomeroy Nichols, Jr.	Assistant Resident in Neurological Surgery, Assigned to Neuropathology, Fund B Fellow
Roy B. Turner	Assistant Resident in Neurological Surgery
James S. Browne	Assigned to Neuropathology, Fund B Fellow, Assistant Resident in Neurological Surgery
August Keil	Assistant Resident in Surgery, Assigned to Neurological Surgery Mercy Hospital

Third year. The course covers instruction in diagnosis and treatment of surgical conditions of the brain, spinal cord and the peripheral nerves. Drs. Bagley, Coblentz, Arnold and Thompson.

Fourth year. Weekly ward rounds and conferences are given at the University Hospital. Drs. Bagley, Coblentz, Arnold and Thompson. Instruction is given (elective) in the out-patient dispensary by Drs. Louis Manganiello, George Smith and José A. Alvarez.

Third year	12 hours
Fourth year	15 hours
Conference and ward rounds (elective)	32 hours
Neurological Surgery Dispensary (elective)	48 hours
Total	107 hours

ONCOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology
Grant E. Ward	Associate Professor of Surgery
Beverley C. Compton	Assistant Professor of Gynecology
John C. Dumler	Assistant Professor of Gynecology
William K. Diehl	Assistant Professor of Gynecology
Everett S. Diggs	Assistant Professor of Gynecology
Ernest I. Cornbrooks, Jr.	Assistant Professor of Gynecology
Arthur G. Siwinski	Associate in Surgery
Edwin H. Stewart	Instructor in Surgery
J. Duer Moores	Instructor in Surgery
Louis F. Goodman	Assistant in Surgery
David B. Gray	National Cancer Institute Trainee
John M. Bloxom, Jr.	National Cancer Institute Trainee
E. Eugene Covington	Assistant Radiologist
Thomas A. Stebbins	Medical Illustrator in Oncology and Gynecology

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third year. Six didactic lectures are given on the diagnosis and treatment of cancer of the generative organs. Dr. Hundley and staff.

Five lectures in general oncology are given to the entire Junior Class at the end of the year. The increasing importance of the cancer problem is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are discussed. The gradation of neoplasms, and the biophysical effects of irradiation therapy are presented. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are discussed. Dr. Ward and staff.

Fourth Year. Ten senior students of the University section are assigned to the Oncology clinic. Five students are assigned to the Tuesday morning clinic, and the alternate group to the Friday morning clinic. The diagnosis and treatment, both surgical and radiological are discussed in the presence of a staff member of the departments of Pathology, Radiology, and Surgery.

An outpatient Gynecological Clinic is held bi-weekly which affords an opportunity for instruction of small groups of students, which are assigned in rotation, in the various phases of malignancy of the generative organs. Weekly ward rounds and operative clinics are held for seniors.

	Onocology	*Gynecology*	*Total*
Third year	5 hours	6 hours	11 hours
Fourth year	12 hours	16 hours	28 hours
Total	17 hours	22 hours	39 hours

DENTISTRY

[1]Brice M. Dorsey	Professor of Oral Surgery
[1]Myron S. Aisenberg	Professor of Pathology
[1]Joseph C. Biddix, Jr.	Professor of Oral Diagnosis
[1]Kyrle W. Preis	Professor of Orthodontics
[1]Harry M. Robinson, Sr.	Professor of Dermatology
[1]Grayson W. Gaver	Professor of Dental Prosthesis
[1]Ernest B. Nuttall	Professor of Crown and Bridge
[1]Kenneth V. Randolph	Professor of Operative Dentistry
[1]Edward C. Dobbs	Professor of Pharmacology
George H. Yeager	Professor of Clinical Surgery
Grant E. Ward	Associate Professor of Surgery and Oral Surgery
[1]Hugh H. Hicks	Associate Professor of Periodontology
[1]Lewis C. Toomey	Associate Professor of Oral Surgery
George McLean	Assistant Professor of Medicine
[1]Wilbur O. Ramsay	Assistant Professor of Clinical Dental Prosthesis
[1]Samuel H. Bryant	Instructor in Oral Diagnosis

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[1] Faculty Member, School of Dentistry.

[1]Russell Gigliotti	Instructor in Clinical Oral Diagnosis
[1]Joseph P. Cappuccio	Instructor in Oral Surgery
[1]Conrad L. Inman	Instructor in Anesthesiology

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

INDUSTRIAL MEDICINE AND SURGERY

———————	Professor of Clinical Medicine
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thurston R. Adams	Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 8.

PLASTIC SURGERY

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Clarence P. Scarborough	Instructor in Plastic Surgery
Walter J. Benavent	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

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[1] Faculty Member, School of Dentistry.

SPEECH TRAINING CLINIC

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Ray Ehrensberger	Professor of Speech
Merle Ansberry	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

DEPARTMENT OF OBSTETRICS

Louis H. Douglass	Professor of Obstetrics, and Head of the Department
J. Morris Reese	Associate Professor of Obstetrics
Isadore A. Siegel	Assistant Professor of Obstetrics
John E. Savage	Assistant Professor of Obstetrics
D. Frank Kaltreider	Assistant Professor of Obstetrics
Hugh B. McNally	Assistant Professor of Obstetrics
Margaret B. Ballard	Associate in Obstetrics
D. McClelland Dixon	Associate in Obstetrics
Osborne C. Christensen	Associate in Obstetrics
J. Tyler Baker, B.S., M.D.	Associate in Obstetrics
J. Duff Morrison	Associate in Obstetrics
George H. Davis	Instructor in Obstetrics
J. King B. E. Seeger	Instructor in Obstetrics
Louis C. Gaires	Instructor in Obstetrics
Kenneth B. Boyd	Assistant in Obstetrics
W. Kenneth Mansfield, Jr.	Assistant in Obstetrics
Charles H. Doeller, Jr.	Assistant in Obstetrics
Theodore Kardash	Assistant in Obstetrics
Harry McB. Beck	Assistant in Obstetrics
William A. Dodd	Assistant in Obstetrics
Irvin P. Klemkowski	Assistant in Obstetrics
Clarence W. Martin	Assistant in Obstetrics

Second Year: During the second semester lectures are given one hour weekly. Students are oriented on the normal pelvis, generative tract and the physiology of pregnancy and labor. The conduct of normal delivery and the puerperium are explained, and in general an attempt is made to prepare the student for the practical training he is to receive in his third year. Drs. Douglass and Kaltreider.

Third Year: Lectures and recitations consist of 3 hours teaching weekly and are designed to cover the anatomy more completely, especially that of the bony pelvis from an obstetrical point of view. Physiology of the endocrine system is reviewed as it relates to pregnancy and the growth and development of the impregnated ovum. Following this the pathology of pregnancy, labor and the puerperium are considered. Drs. Douglass, Reese, Siegel, Savage, Dixon and Kaltreider.

Each student is required to spend 4 days on the obstetrical service of the Baltimore City Hospitals during his junior year. Here he acts as a junior intern, observing, assisting and finally delivering normal cases under supervision. Each student attends a total of about 25 deliveries, in the majority of which he takes an active part.

Each student receives, as a member of a small group, 10 hours of instruction in palpating patients, in the clinical evaluation of the pelvis and in demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year: The instruction is entirely clinical. The "block system" is used. One-sixteenth of the class is assigned to obstetrics only for a period of 2 weeks. Students live at the University Hospital during this time and are on call 24 hours a day. They receive formal class instruction, are required to attend all rounds and staff conferences and are present at the majority of the deliveries as observers, assistants or as accoucheurs. In this way each student will actively participate in about 25 deliveries. Operative work on an obstetrical mannikin is an organized part of the course. Each student receives 6 hours of this type of instruction.

Each student spends 20 hours in the prenatal and postnatal clinics, where instructions in these fields are given.

Students assigned to obstetrics are required to attend the monthly meetings of The Committee on Maternal Mortality of Baltimore, where all maternal deaths occurring in this city are presented and discussed.

Second year— 16 Third year—148
Fourth year—106 Total —270

DEPARTMENT OF GYNECOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology, and Head of the Department
Leo Brady	Assistant Professor of Gynecology
Edward P. Smith	Assistant Professor of Gynecology
William K. Diehl	Assistant Professor of Gynecology
Everett S. Diggs	Assistant Professor of Gynecology
Beverley C. Compton	Assistant Professor of Gynecology
John C. Dumler	Assistant Professor of Gynecology
Ernest I. Cornbrooks, Jr.	Assistant Professor of Gynecology
J. J. Erwin	Associate in Gynecology
Frank K. Morris	Associate in Gynecology
John T. Hibbitts	Associate in Gynecology
Kenneth B. Boyd	Associate in Gynecology
Gerald A. Galvin	Associate in Gynecology
Thomas S. Bowyer	Instructor in Gynecology
Ernest S. Edlow	Instructor in Gynecology
W. Allen Deckert	Instructor in Gynecology
H. L. Granoff	Instructor in Gynecology
Theodore Kardash	Instructor in Gynecology
Charles B. Marek	Instructor in Gynecology
Helen I. Maginnis	Instructor in Gynecology
Charles H. Doeller, Jr.	Instructor in Gynecology
William A. Dodd	Instructor in Gynecology
Harry McB. Beck	Instructor in Gynecology
William C. Duffy	Instructor in Gynecology
Joseph C. Sheehan	Instructor in Gynecology
William J. Rysanek	Instructor in Gynecology

Harry F. Kane	Instructor in Gynecology
Robert B. Tunney	Instructor in Gynecology
Thomas A. Stebbins	Medical Illustrator in Oncology and Gynecology

Third Year. A course of thirty lectures and recitations is given to the whole class. In addition, a short course of lecture-demonstrations is given at the Baltimore City Hospitals, consisting of eight periods of one hour each, in which small groups of students are instructed in the fundamentals of gynecological diagnosis and examination.

Fourth Year. Operative clinics—lectures and demonstrations—are given six hours per week, for five weeks, to sections of the class.

Instruction in female urology is given. A small number of students may attend the cystoscopic dispensary which is held twice weekly.

The course in gynecology also includes instruction in the diagnosis and treatment of cancer of the generative organs. Small groups of students attend the oncological dispensary for additional work.

Third year	38 hours
Fourth year	74 hours
Total	112 hours

DEPARTMENT OF OPHTHALMOLOGY

F. Edwin Knowles, Jr.	Assistant Professor of Ophthalmology and Chairman of the Department
Joseph I. Kemler	Associate in Ophthalmology
A. Kremen	Associate in Ophthalmology
Paul N. Friedman	Instructor in Ophthalmology
Cleo D. Stiles	Instructor in Ophthalmology
Ruby A. Smith	Instructor in Ophthalmology
D. J. McHenry	Instructor in Ophthalmology
F. E. Brumback	Instructor in Ophthalmology
Richard J. Cross	Instructor in Ophthalmology
Frederick M. Reese	Assistant in Ophthalmology

Third Year. Second semester. Dr. Friedman reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, weekly, for one year. Dr. Knowles.

The course consists of instruction in the clinic to small groups of students four days a week for four weeks. During this period, the student examines patients, diagnoses and treats various ocular diseases, under the supervision of Drs. Knowles, Smith, Brumback, McHenry, Cross, Friedman, and Manchester. Twice weekly lectures and lantern slide demonstration are given upon diseases of the eye, with particular reference to their diagnosis, management and relation to general medicine. Special lectures are given the entire class on vascular changes in the eye, refraction, cataract and neuro-ophthalmology. Certain operations are demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Drs. Knowles, Kemler, Kremen, Smith, McHenry, Brumback, Cross, Manchester, Jeppi and Pacienza.

Third year	20 hours
Fourth year	41 hours
Total	61 hours

DEPARTMENT OF ROENTGENOLOGY

Walter L. Kilby	Professor of Roentgenology, and Head of the Department
Charles N. Davidson	Associate Professor of Roentgenology
John DeCarlo, Jr.	Assistant Professor of Roentgenology
Donald J. Barnett	Assistant Professor of Roentgenology
Edward R. Dana	Associate in Roentgenology
Robert E. Cato	Fellow in Roentgenology

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year	8 hours
Fourth year	24 hours
Total	32 hours

DEPARTMENT OF ANAESTHESIOLOGY

Alfred T. Nelson	Professor of Anaesthesiology and Chairman of the Department
Frank J. Brady	Associate in Anaesthesiology
James Russo	Assistant in Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend six hours per week for four weeks observing and administering anaesthetics in the operating room.

Third year	10 hours
Fourth year	24 hours
Total	34 hours

HISTORY OF MEDICINE

Louis A. M. Krause	Professor of Clinical Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

ART AS APPLIED TO MEDICINE

Carl Dame Clarke	Associate Professor of Art as Applied to Medicine
Thomas M. Stevenson, Jr.	Assistant in Art as Applied to Medicine
Mary Katherine Scarborough	Assistant in Art as Applied to Medicine
Jane L. Bleakley	Assistant in Art as Applied to Medicine
Raymond J. Clayton, Jr.	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

POSTGRADUATE COURSES

Committee on Postgraduate Studies

Howard M. Bubert, *Chairman and Director*
Sarah Cook, *Assistant Director*

Dietrich C. Smith, *1st Vice-chairman*
L. A. M. Krause, *2nd Vice-chairman*
Milton S. Sacks, *Secretary*
Otto C. Brantigan
Frank H. J. Figge
Wetherbee Fort
John C. Krantz, Jr.
J. Morris Reese
Allen F. Voshell
John A. Wagner

Elizabeth Carroll, *Executive Secretary*
The Dean—*Ex Officio*

Calendar: Postgraduate courses are offered throughout the year.

During the past year, the Post Graduate Committee has given two extramural courses, one in Hagerstown and one in Salisbury. Enrollment was 56. The Committee will consider the request of any Maryland County Medical Society for a series of lectures to begin in the Fall of 1950. The Committee is also considering the possibility of complying with a request to give a course in the Baltimore area.

A sub-committee has been appointed to survey the hospitals in the State who desire assistance in the training of house staffs and it is hoped that in the near future, progress will be in evidence.

The Committee is hopeful of being able to offer a course in Basic Sciences in Pediatrics similar to the one presented the past two academic years in Obstetrics and Gynecology.

The following intramural courses have been continued successfully:

General Anatomy: The course is designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content and duration.

Anatomy of Head and Neck as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition $75.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

Surgical Anatomy: The course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition $150.00.

Pathology: This course is designed to prepare candidates for certification in surgery, surgical specialties and internal medicine. Individuals will receive training in autopsy and surgical pathology. Minimum duration is full time, six months. Tuition $150.00.

Neuropathology: This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition $200.00 plus $10.00 laboratory fee.

Gynecology and Obstetrics: This is a review for general practitioners. Students attend lectures, ward rounds and clinics, and observe operations and deliveries. Full time for twelve weeks. Tuition $150.00.

Gynecology, Oncology and Female Urology: This is a review designed primarily for the general practitioner. Students attend lectures, ward rounds and clinics and observe operations. Full time for ten weeks. Tuition $125.00.

Basic Sciences as They Apply to Obstetrics and Gynecology: The course is a review of the fundamentals of the basic sciences as they apply to Gynecology and Obstetrics and recent advances in these fields. It has been approved by the Postgraduate Survey Committee of the American Board of Obstetrics and Gynecology, and may be presented for six months' credit towards certification by the Board. Duration is 20 weeks full time, beginning early in January. Tuition $375.00.

Full descriptions of these courses are available. Inquiries should be addressed to the Post Graduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams
Marie A. Andersch
James G. Arnold, Jr.
*Robert E. Bauer
Joseph G. Bird
Harry C. Bowie
J. Edmund Bradley
Otto C. Brantigan
George H. Brouillet
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Beverley C. Compton
*Sarah Cook
Ernest I. Cornbrooks, Jr.
Edward F. Cotter
Richard J. Cross, Jr.
Francis G. Dickey
William K. Diehl
Everett S. Diggs
D. McClelland Dixon
Louis H. Douglass
John C. Dumler
J. Sheldon Eastland
Charles Reid Edwards
William L. Fearing
Frank H. J. Figge
Jacob E. Finesinger
A. H. Finkelstein
Albert E. Goldstein
Lewis P. Gundry
Frank W. Hachtel
Jerome Hartz
*Charles W. Hawkins
Harry C. Hull
J. Mason Hundley, Jr.
Harry K. Iwamoto
D. Frank Kaltreider
Theodore Kardash
Veron E. Krahl
John C. Krantz, Jr.
Arnold F. Lavenstein
C. Edward Leach
Ephraim T. Lisansky
William S. Love, Jr.
*Fred R. McCrumb
Hugh B. McNally
Howard B. Mays
Samuel Morrison
H. Whitman Newell
Frank J. Otenasek
*Robert T. Parker
Ross Z. Pierpont
Maurice C. Pincoffs
J. Morris Reese
Herbert E. Reifschneider
Dexter L. Reimann
Henry L. Rigdon
Harry M. Robinson, Sr.
Raymond C. V. Robinson
Milton S. Sacks
John E. Savage
Sidney Scherlis
Emil G. Schmidt
William B. Settle
Dietrich C. Smith
Hugh R. Spencer
Melchijah Spragins
Edwin H. Stewart, Jr.
Harry A. Teitelbaum
W. Houston Toulson
Eduard Uhlenhuth
Henry F. Ullrich
Allen Fiske Voshell
John A. Wagner
Wallace Walker
Milton J. Wilder
Walter D. Wise
Henry L. Wollenweber
Theodore E. Woodward
Robert B. Wright
George H. Yeager

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* Lecturers in Postgraduate Medicine, by invitation.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 21, 1950 TO JANUARY 27, 1951

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology 11-12 lecture *Bressler 2*		Orientation (Sept. 27, Oct. 4, Oct. 11) 9-10 lecture *Adm. 1*	*Histology and Embryology 11-12 lecture *Bressler 2*		Gross Anatomy A. H. 9-11
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lectures *A.H.* (1-2) Daily and Laboratories *Bressler 1* (2-5) Daily					

* Course ends December 21, 1950.

SECOND SEMESTER, JANUARY 29 TO JUNE 9, 1951

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B		
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	
2.00 to 3.00	Neuro-Physiology *Bressler 2*	Neuro-Anatomy Lecture (2-3)	Biol. Chem. Conference *Adm. 1*	Neuro-Anatomy Lecture (2-3)	Biol. Chem. Conference *Adm. 1*	
3.00 to 5.00	Psychiatry (3-5) *C.H.*	Laboratory (3-5)		Laboratory (3-5)	Neuro-Physiology *Bressler 2* (3-4)	

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, Lombard and Greene Streets.
A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.
Bressler Research Laboratory—29 S. Greene Street.
Gross Anatomy—First Floor.
Histology and Embryology—Second Floor.
Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 22-27, 1951
Final Examinations—Begin May 28, 1951

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 21, 1950 TO JANUARY 27, 1951

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology *Bressler 2*	Physiology *Bressler 2*	Medicine *Bressler 2*	Physiology *Bressler 2*	Physiology *Bressler 2*	**Psychiatry** **(10–11)** ***Adm. 1***
9.30 to 10.30	Physiology Conference *Bressler 2*	Bacteriology *Adm. 1*		Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis *C. H.*	
12.30	Lunch					
1.00 to 5.00	Pharm. Lect. (1–2) *Bressler 2* Pharmacology *B* Physiology *A*	Laboratory *A* Laboratory *B*		Pharmacology (1 to 4) *B* Physiology *A*	Laboratory *A* Laboratory *B*	

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 29 TO JUNE 9, 1951

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Surgery *Bressler 2*	Surgery *Bressler 2*	Surgical Anatomy *Bressler 2*	Medical Clinic *Amp.*	Physical Diagnosis *Adm. 1*	
9.30 to 10.30	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	Surgical Anatomy Laboratory *Bressler 1*		Pharmacology *Bressler 2*	Obstetrics *Bressler 2*
10.30 to 11.30	Pathology *C. H.*	Pathology *C. H.*		Pathology *C. H.*	Pathology *C. H.*	
11.30	Lunch					
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology Laboratory	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy *Adm. 1*	‖Immunology Laboratory		Pharmacology Laboratory *Sect. A*	Pharmacology Laboratory *Sect. B*	
3.00 to 5.00	Surgical Anatomy Laboratory *Bressler 1*		Optional period Pathology Immunology	Physical Diagnosis *Sect. B* (3.00–5.00) *U. H. D*	Physical Diagnosis *Sect. A* (3.00–5.00) *U. H. D.*	

‖ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First floor, Administration Building, Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor
U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.
Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 22-27, 1951
Final Examinations—Begin May 28, 1951

THIRD YEAR SCHEDULE

SEPTEMBER 21, 1950 TO JUNE 9, 1951

SCHEDULE 1

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology April 2 to May 14	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 28 to May 16	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H* †Anaesthesiology Mar. 17 to May 19 *Amp.*
9.30 to 10.00	Transfer to Baltimore City Hospitals					
10.00 to 12.00	Physical Diagnosis, Pathology, and Neurology at B. C. H.					
12.00 to 1.00	Transfer and Lunch	Transfer and Lunch	Lunch	Transfer and Lunch	Lunch	
1.00 to 2.00	(Whole Class) Nose & Throat, Urology, Otology, Proctology, Plastic Surgery *C. H.*	(Whole Class) *Gynecology †Eye—10 wks. Jan. 30 to Apr. 10 †Oncology —5 wks. Apr. 17 to May 15 *C. H.*	Medical Clinic *B. C. H.*	(Whole Class) Clinical Pathology *Bressler 2*	Obstetrical Clinic *B. C. H.*	
2.00 to 4.00	(Whole Class) Pathology Laboratory *31*		Surgery	(Whole Class) Clinical Pathology — Laboratory *Bressler 5*	Surgery	
4.00 to 5.00	(Whole Class) *Physical Diagnosis, *C. H.* †Legal Medicine †Psychiatry, *A. H.*	(Whole Class) Hygiene and Public Health *C. H.*	Orthopaedics Roentgenology *B. C. H.*		Orthopaedics *B. C. H.*	

* First Semester. † Second Semester.

SCHEDULE 2

THIRD YEAR

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology April 2 to May 14	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 28 to May 16	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* Anaesthesiology Mar. 17 to May 19 *Amp.*
9.30 to 10.20	Pediatrics *C. H.*	Medicine *C. H.*	Medicine *C. H.*	Therapeutics *C. H.*	Medicine *C. H.*	Neurology *C. H.*
10.30 to 12.30	Operative Surgery—*Bressler 6* Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12.30 to 1.00	Lunch					
1.00 to 2.00	Same as Schedule 1		Medical Clinic *Amp.*	Same as Schedule 1	Psychiatry Dermatology U. H. Disp.	
2.00 to 4.00			Ophthalmoscopy (5 weeks) *B. E. H.* — Obstetrics (5 weeks) Univ. Hosp. Disp. — Otology (5 wks.) *Univ. Hosp. 3-C*			
4.00 to 5.00					Obstetrics *Br. 2*	

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

Schedule Assignment

Periods	*Sections and Schedules*
September 21, 1950 to January 20, 1951	A-1, B-2
January 29 to May 19, 1951	B-1, A-2

Locations of Lecture Halls, etc.

A. H.—Anatomical Hall, Upper Hall, N. E. Cor. Lombard and Greene Streets.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
Bressler—Bressler Building, 29 S. Greene Street.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
31—31 South Greene Street.
Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 22-27, 1951
Final Examinations—Begin May 21, 1951

FOURTH YEAR SCHEDULE

SEPTEMBER 21, 1950 TO MAY 26, 1951

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks)	Pediatrics (4 weeks)	Surgery and Surgical Specialties (8 weeks)	Obstetrics (2 weeks)
—	—	—	—
Neurology Cardiology Gastro-Enterology Metabolism Allergy	Psychiatry (4 weeks)	Urology Neuro Surgery Otology, Rhinology and Laryngology Orthopaedics	Gynecology Oncology (2 weeks)
—		—	—
Roentgenology		Roentgenology	Dermatology & Syphilology Ophthalmology Anesthesiology (4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter		3rd Quarter	
Sept. 21, 1950 to Nov. 18, 1950 (8 weeks)		Jan. 29, 1951 to March 31, 1951 (8 weeks)	
Groups 1, 2, 3, 4	to Division 1†	Groups 1, 2, 3, 4	to Division 3†
Groups 5, 6, 7, 8	to Division 2	Groups 5, 6, 7, 8	to Division 4
Groups 9, 10, 11, 12	to Division 3†	Groups 9, 10, 11, 12	to Division 1†
Groups 13, 14, 15, 16	to Division 4	Groups 13, 14, 15, 16,	to Division 2
2nd Quarter		**4th Quarter**	
Nov. 20, 1950 to Jan. 27, 1951 (8 weeks)		April 2, 1951 to May 26, 1951 (8 weeks)	
Groups 1, 2, 3, 4	to Division 2	Groups 1, 2, 3, 4	to Division 4
Groups 5, 6, 7, 8	to Division 3†	Groups 5, 6, 7, 8	to Division 1†
Groups 9, 10, 11, 12	to Division 4	Groups 9, 10, 11, 12	to Division 2
Groups 13, 14, 15, 16	to Division 1†	Groups 13, 14, 15, 16	to Division 3†

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* The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups (24 students) assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to the 2 groups having the lowest numbers in these division assignments report to the University Hospital, for the 1st 4 weeks. The 2 groups with the highest numbers report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 10, 1950

Andersen, William Andrew, A.B. Maryland
Bacon, John Louis.........New York
Bagley, Charles, III, B.S.....Maryland
Barstow, Mary Medairy, A.B..Maryland
Baumann, Wilbur Nelson, Jr..Maryland
Bisgyer, Jay Lewis. District of Columbia
Bleecker, Harry Harlan, Jr. California
Borges, Francis Joseph, B.S..Maryland
Bradshaw, Raymond, Jr., B.S..Maryland
Bronushas, Joseph Benedict Bernard, B.S........................Maryland
Burkey, Fred Jamison......Maryland
Chelton, Louis Guy, Jr......Maryland
Coller, Jerome Joel, A.B...Maryland
Corpening, Thomas Nye, A.B. North Carolina
Cowen, Joseph Robert......Maryland
Cracraft, William Atkinson, B.S. West Virginia
Daly, Harold Lawrence, Jr...Maryland
Daly, Mirian Shamer, A.B...Maryland
Deitz, Leonard Loeb, A.B....Maryland
Demarest, Elinor Weed, A.B...Florida
Demarest, Lawrence Mann, B.S. New York
Demmy, Nicholas, B.S....Pennsylvania
Edmunds, Frederick Thomas, B.S. West Virginia
Googins, John Armel, B.S......Kansas
Greenstein, George Herbert, A.B. Maryland
Hamberry, Leonard Gerard, A.B. Maryland
Hawkins, George Kenneth, B.S. New Jersey
Healy, John Clauson....Connecticut
Henson, Stanley Willard, Jr., B.S. Maryland
Heuman, Philip Walter, B.S...Maryland
Hofsteter, Grace, A.B............Ohio
Hoyt, Irvin Gorman, A.B.....Maryland
Huffer, Sarah Virginia, B.S...Maryland
Husted, Harriet Lamont, A.B. New Jersey
Hyle, John Charles, B.S.....Maryland
Ibsen, Maxwell, A.B., M.A., D.Sc. Pennsylvania
Jensen, Roy David, B.S........Nevada
Kasik, Frank Thomas, Jr., B.S. Maryland
Kelley, Gordon William, B.S..Maryland
Knight, Virgil Ellis, A.B., B.S..Missouri
Kuehn, Frank Gustav, A.B...Maryland
Lewis, Thomas Franklin, A.B..Maryland
Lichtenberg, Joseph David, A.B. Maryland
Martin, George William, Jr..Delaware
McElvain, Wilbert Harding, B.S. Pennsylvania
Miller, Dorothea Anna, B.S...Delaware
Miller, Robert Eugene, A.B..Maryland
Neal, Hunter Shainline..Pennsylvania
Noguera, Julio Tomas, B.S..Puerto Rico
O'Malley, Joseph Edward...Maryland
Poling, Evangeline Myers, A.B., M.A. West Virginia
Rever, William Benjamin, Jr..Maryland
Reynaud, Louis Favrot, Jr...Maryland
Reynaud, Virginia Gould, B.S. Maryland
Richardson, Paul Frederick. Maryland
Righetti, Milton Raymond..California
Roth, Oliver Ralph, B.S.....Maryland
Rubin, Seymour Howard, A.B. Maryland
Rudy, Norman Edward....California
Sandler, Robert, B.S........Maryland
Shepherd, Frederick Parker, A.B. Maryland
Simmons, Frederic Rudolph, B.S. Maryland
Sires, William Oscar, B.A....Maryland
Sklar, Allen Leon..........Maryland
Smith, Morton, B.S..........Maryland
Sosnowski, Andrew Raymond, B.S. Maryland
Spaulding, Raymond Charles, Jr., B.S. Florida
Startzman, Henry Hollingsworth, Jr. Maryland
Storm, Mary Elizabeth, A.B..Maryland
Sulka, Casmir Michael.......Illinois
Thibadeau, Robert Tondorf, B.S. Maryland
Thompson, William Wesley, B.S. Maryland
Toms, Bate Carpenter, Jr., B.S. North Carolina
Upton, Albert Louie, A.B...California
Van Goor, Kornelius, B.S...New Jersey
Vicens, Enrique Alberto...Puerto Rico
White, Fowler Felix, B.S...Connecticut
Wilson, Clifford Edward, Jr. Connecticut
Wolf, Ernest Simon.........Maryland
Yeager, William Howard, Jr., B. S. Maryland

HONORS

UNIVERSITY PRIZE GOLD MEDAL

LOUIS GUY CHELTON, JR.

CERTIFICATE OF HONOR

MORTON SMITH
JULIO TOMAS NOGUERA
JOHN ARMEL GOOGINS
JOHN CLAUSON HEALY
ERNEST SIMON WOLF

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

STANLEY WILLARD HENSON, JR.

THE WILLIAM D. WOLFE MEMORIAL PRIZE AND CERTIFICATE OF PROFICIENCY

STANLEY WILLARD HENSON, JR.

INTERNSHIPS—GRADUATES OF JUNE 10, 1950

July 1, 1950—June 30, 1951

ANDERSEN, WILLIAM ANDREW	Union Memorial Hospital, Baltimore, Md.
BACON, JOHN LOUIS	U. S. Marine Hospital, Norfolk, Va.
BAGLEY, CHARLES, III	University Hospital, Baltimore, Md.
BARSTOW, MARY MEDAIRY	Mercy Hospital, Baltimore, Md.
BAUMANN, WILBUR NELSON, JR.	University Hospital, Baltimore, Md.
BISGYER, JAY LEWIS	Gallinger Municipal Hospital, Washington, D. C.
BLEECKER, HARRY HARLAN, JR.	Los Angeles County Hospital, Los Angeles, Calif.
BORGES, FRANCIS JOSEPH	University Hospital, Baltimore, Md.
BRADSHAW, RAYMOND, JR.	University Hospital, Baltimore, Md.
BRONUSHAS, JOSEPH BENEDICT BERNARD	University Hospital, Baltimore, Md.
BURKEY, FRED JAMISON	Mercy Hospital, Pittsburgh, Pa.
CHELTON, LOUIS GUY, JR.	U. S. Marine Hospital, Baltimore, Md.
COLLER, JEROME JOEL	Sinai Hospital, Baltimore, Md.
CORPENING, THOMAS NYE	University of Texas Medical Branch Hospitals, Galveston, Texas
COWEN, JOSEPH ROBERT	Wayne County General Hospital, Detroit, Mich.
CRACRAFT, WILLIAM ATKINSON	Union Memorial Hospital, Baltimore, Md.
DALY, HAROLD LAWRENCE, JR.	West Baltimore General Hospital, Baltimore, Md.
DALY, MIRIAM SHAMER	West Baltimore General Hospital, Baltimore, Md.
DEITZ, LEONARD LOEB	Sinai Hospital, Baltimore, Md.
DEMAREST, ELINOR WEED	University Hospital, Baltimore, Md.
DEMAREST, LAWRENCE MANN	Methodist Hospital, Brooklyn, N. Y.
DEMMY, NICHOLAS	Good Samaritan Hospital, Portland, Ore.
EDMUNDS, FREDERICK THOMAS	Union Memorial Hospital, Baltimore, Md.
GOOGINS, JOHN ARMEL	University of Kansas Medical Center, Kansas City, Kan.
GREENSTEIN, GEORGE HERBERT	Sinai Hospital, Baltimore, Md.
HAMBERRY, LEONARD GERARD	Mercy Hospital, Baltimore, Md.
HAWKINS, GEORGE KENNETH	Mountainside Hospital, Montclair, N. J.
HEALY, JOHN CLAUSON	St. Agnes Hospital, Baltimore, Md.
HENSON, STANLEY WILLARD, JR.	U. S. Marine Hospital, Baltimore, Md.

Heuman, Philip Walter	Mercy Hospital, Baltimore, Md.
Hofsteter, Grace	Mercy Hospital, Canton, Ohio
Hoyt, Irvin Gorman	University Hospital, Baltimore, Md.
Huffer, Sarah Virginia	University Hospital, Baltimore, Md
Husted, Harriet Lamont	Baltimore City Hospitals, Baltimore, Md.
Hyle, John Charles	West Baltimore General Hospital, Baltimore, Md.
Ibsen, Maxwell	Santa Clara County Hospital, San Jose, Calif.
Jensen, Roy David	Franklin Hospital, San Francisco, Calif.
Kasik, Frank Thomas, Jr.	Mercy Hospital, Baltimore, Md.
Kelley, Gordon William	U. S. Naval Hospital, St. Albans, L. I., N. Y.
Knight, Virgil Ellis	Good Samaritan Hospital, Portland, Ore.
Kuehn, Frank Gustav	Mercy Hospital, Baltimore, Md.
Lewis, Thomas Franklin	St. Vincent's Hospital, Bridgeport, Conn.
Lichtenberg, Joseph David	West Baltimore General Hospital, Baltimore, Md.
Martin, George William, Jr.	Delaware Hospital, Wilmington, Del.
McElvain, Wilbert Harding	Allentown Hospital, Allentown, Pa.
Miller, Dorothea Anna	St. Vincent's Hospital, Bridgeport, Conn.
Miller, Robert Eugene	Baltimore City Hospitals, Baltimore, Md.
Neal, Hunter Shainline	Reading Hospital, Reading, Pa.
Noguera, Julio Tomas	San Juan City Hospitals, San Juan, Puerto Rico.
O'Malley, Joseph Edward	St. Francis Hospital, Hartford, Conn.
Poling, Evangeline Myers	Union Memorial Hospital, Baltimore, Md.
Rever, William Benjamin, Jr.	Mercy Hospital, Baltimore, Md.
Reynaud, Louis Favrot	Crawford W. Long Memorial Hospital, Atlanta, Ga.
Reynaud, Virginia Gould	Crawford W. Long Memorial Hospital, Atlanta, Ga.
Richardson, Paul Frederick	Mercy Hospital, Baltimore, Md.
Righetti, Milton Raymond	Permanente Foundation Hospital, Oakland, Calif.
Roth, Oliver Ralph	Mercy Hospital, Baltimore, Md.
Rubin, Seymour Howard	Sinai Hospital, Baltimore, Md.
Rudy, Norman Edward	Hospital of the Good Samaritan, Los Angeles, Calif.
Sandler, Robert	Sinai Hospital, Baltimore, Md.
Shepherd, Frederick Parker	U. S. Marine Hospital, Baltimore, Md.
Simmons, Frederic Rudolph	Walter Reed General Hospital, Washington, D. C.
Sires, William Oscar	St. Vincent's Hospital, Bridgeport, Conn.
Sklar, Allen Leon	St. Vincent's Hospital, Bridgeport, Conn.
Smith, Morton	Michael Reese Hospital, Chicago, Ill.
Sosnowski, Andrew Raymond	St. Agnes Hospital, Baltimore, Md.
Spaulding, Raymond Charles, Jr.	University Hospital, Baltimore, Md.
Startzman, Henry Hollingsworth, Jr.	Baltimore City Hospitals, Baltimore, Md.
Storm, Mary Elizabeth	
Sulka, Casmir Michael	St. Luke's Hospital, Chicago, Ill.
Thibadeau, Robert Tondorf	Providence Hospital, Washington, D. C.
Thompson, William Wesley	Milwaukee County Hospital, Milwaukee, Wis.
Toms, Bate Carpenter, Jr.	Union Memorial Hospital, Baltimore, Md.
Upton, Albert Louie	Letterman General Hospital, San Francisco, Calif.
Van Goor, Kornelius	University Hospitals, Iowa Citp, Iowa
Vicens, Enrique A.	Clinica Quirurgica Dr. Pila, Ponce, Puerto Rico
White, Fowler Felix	Mercy Hospital, Baltimore, Md.
Wilson, Clifford Edward, Jr.	Waterbury Hospital, Waterbury, Conn.
Wolf, Ernest Simon	Jewish Hospital, Cincinnati, Ohio
Yeager, William Howard, Jr.	Garfield Memorial Hospital, Washington, D. C.

MATRICULANTS

SENIOR CLASS, SEPTEMBER 22, 1949 TO JUNE 10, 1950

Andersen, William Andrew, A.B., *The Johns Hopkins University*	Maryland
Bacon, John Louis, *University of Buffalo*	New York
Bagley, Charles, B.S., *Loyola College, 1945*	Maryland
Barstow, Mary Medairy, A.B., *College of Notre Dame of Maryland, 1943*	Maryland
Baumann, Wilbur Nelson, *University of Maryland*	Maryland
Bisgyer, Jay Lewis, *University of Pennsylvania*	District of Columbia
Bleecker, Harry Harlan, Jr., *University of California*	California
Borges, Francis Joseph, B.S., *University of Maryland, 1948*	Maryland
Bradshaw, Raymond, Jr., B.S., *University of Maryland, 1943*	Maryland
Bronushas, Joseph Benedict Bernard, B.S., *Loyola College, 1946*	Maryland
Burkey, Fred Jamison, *St. Francis College*	Maryland
Chelton, Louis Guy, Jr., *Gettysburg College*	Maryland
Coller, Jerome Joel, A.B., *The Johns Hopkins University, 1946*	Maryland
Corpening, Thomas Nye, A.B., *University of North Carolina*	North Carolina
Cowen, Joseph Robert, *The Johns Hopkins University*	Maryland
Cracraft, William Atkinson, B.S., *Virginia Military Institute, 1939*	West Virginia
Daly, Harold Lawrence, Jr., *University of Maryland*	Maryland
Daly, Miriam Shamer, A.B., *Goucher College, 1946*	Maryland
Deitz, Leonard Loeb, A.B., *University of North Carolina, 1946*	Maryland
Demarest, Elinor Weed, A.B., *Randolph-Macon Woman's College, 1946*	Florida
Demarest, Lawrence Mann, B.S., *Bowdoin College, 1945*	New York
Demmy, Nicholas, B.S., *University of Pittsburgh, 1942*	Pennsylvania
Edmunds, Frederick Thomas, B.S., *Hampden-Sydney College, 1941*	West Virginia
Googins, John Armel, B.S., *University of Maryland, 1948*	Kansas
Greenstein, George Herbert, A.B., *The Johns Hopkins University, 1941*	Maryland
Hamberry, Leonard Gerard, A.B., *Loyola College, 1940*	Maryland
Hawkins, George Kenneth, B.S., *Upsala College, 1943*	New Jersey
Healy, John Clauson, *University of Connecticut*	Connecticut
Henson, Stanley Willard, Jr., B.S., *Oklahoma A&M College, 1945*	Maryland
Heuman, Philip Walter, B.S., *University of Michigan, 1941*	Maryland
Hofsteter, Grace, A.B., *College of Wooster*	Ohio
Hoyt, Irvin Gorman, A.B., *St. Johns College, 1939*	Maryland
Huffer, Sarah Virginia, B.S., *University of Maryland, 1940*	Maryland
Husted, Harriet Lamont, A.B., *Wells College, 1944*	New Jersey
Hyle, John Charles, B.S., *Loyola College, 1942*	Maryland
Ibsen, Maxwell, A.B., *The Johns Hopkins University, 1939; A.M., University of Pennsylvania, 1940*	Pennsylvania
Jensen, Roy David, B.S., *University of Nevada, 1941*	Nevada
Kasik, Frank Thomas, B. S., *University of Maryland*	Maryland
Kelley, Gordon William, B.S., *University of Maryland, 1938*	Maryland
Knight, Virgil Ellis, A.B., B.S., *University of Missouri, School of Medicine, Sept. 1946 to June 1948*	Missouri
Kuehn, Frank Gustav, A.B., *University of North Carolina, School of Medicine, Sept. 1946 to June 1948*	Maryland
Lewis, Thomas Franklin, Jr., A.B., *Western Maryland College, 1941*	Maryland
Lichtenberg, Joseph David, A.B., *The Johns Hopkins University, 1943*	Maryland
Martin, George William, Jr., *University of Delaware*	Delaware
McElvain, Wilbert Harding, B.S., *Grove City College, 1943*	Pennsylvania
Miller, Dorothea Anna, B.S., *Washington College, 1946*	Maryland
Miller, Robert Eugene, A.B., *Bridgewater College, 1943*	Maryland
Neal, Hunter Shainline, *Vanderbilt University*	Pennsylvania
Noguera, Julio Tomas, B.S., *University of Puerto Rico*	Puerto Rico
O'Malley, Joseph Edward, *Colby College*	Maryland
Poling, Evangeline, A.B., *West Virginia University, 1945; A.M., Columbia University, 1946*	West Virginia
Rever, William Benjamin, Jr., *Cornell University*	Maryland
Reynaud, Louis Favrot, Jr., *Emory University*	Illinois
Reynaud, Virginia Gould, B.S., *Nazareth College, 1941*	New York
Richardson, Paul Frederick, *Baylor University*	Maryland
Righetti, Milton Raymond, *University of California*	California

Roth, Oliver Ralph, *University of Maryland*..............................Maryland
Rubin, Seymour Howard, A.B., *The Johns Hopkins University, 1946*........Maryland
Rudy, Norman Edward, *Fresno State College*..........................California
Sandler, Robert, B.S., *University of Maryland, 1943*........................Maryland
Shepherd, Frederick Parker, A.B., *Syracuse University, 1935*............Maryland
Simmons, Frederic Rudolph, Jr., B.S., *Loyola College, 1946*................Maryland
Sires, William Oscar, B.A., *Western Maryland College, 1947*.............Maryland
Sklar, Allen Leon, *Western Maryland College*..............................Maryland
Smith, Morton, B.S., *University of Maryland, 1943*.........................Maryland
Sosnowski, Andrew Raymond, B.S., *Loyola College, 1945*.................Maryland
Spaulding, Raymond Charles, Jr., B.S., *John B. Stetson University, 1943*.....Florida
Startzman, Henry Hollingsworth, Jr., *Loyola College*.................Maryland
Storm, Mary Elizabeth, A.B., *Swarthmore College, 1946*..................Maryland
Sulka, Casmir Michael, *Loyola College*...................................Illinois
Thibadeau, Robert Tondorf, B.S., *University of Maryland, 1945*..........Maryland
Thompson, William Wesley, B.S., *Washington College, 1938*..............Maryland
Toms, Bate Carpenter, Jr., B.S., *University of North Carolina, School of Medicine, Sept. 1946 to June 1948*............................North Carolina
Upton, Albert Louis, A.B., *University of California, 1942*...............California
Van Goor, Kornelius, B.S., *Calvin College*..............................New Jersey
Vicens, Enrique Alberto, *University of Puerto Rico*.....................Puerto Rico
White, Fowler Felix, B.S., *Trinity College, 1942*......................Connecticut
Wilson, Clifford Edward, Jr., *Bowdoin College*......................Connecticut
Wolf, Ernest Simon, *University of Maryland*..........................Maryland
Yeager, William Howard, Jr., B.S., *University of Maryland, 1944*.........Maryland

JUNIOR CLASS, SEPTEMBER 22, 1949 TO JUNE 10, 1950

Ager, Law Lamar, B.S., *University of North Carolina, School of Medicine, September 1947 to June 1949*....................................North Carolina
Arthur, Robert Key, Jr., B.S., *Mercer University, 1948*.................Georgia
Barthel, John Paul, *Western Maryland College*..........................Maryland
Beardsley, Earl Miller, *University of Maryland*........................Maryland
Bell, Arthur Keith, A.B., *Oberlin College, 1947*..........................Maryland
Bilder, Joseph, Jr., B.S., *University of Akron, 1944*........................Ohio
Birely, Beverly Robert, *University of Maryland*........................Maryland
Blades, Nancy, A.B., *Connecticut College, 1947*.........................New Jersey
Bossard, John Wesley, A.B., *Duke University, 1947*.....................Maryland
Brannon, John Vandale, *Fairmont State Teachers College*............West Virginia
Buell, John Russell, Jr., *University of Maryland*.......................Maryland
Christopher, Russell Lee, A.B., *Bowdoin College, 1947*..............Massachusetts
Clemmens, Raymond Leopold, B.S., *Loyola College, 1947*................Maryland
Coffman, Kaohlin Miner, A.B., *Western Maryland College, 1947*......Pennsylvania
Cohen, Solomon, A.B., *University of Denver, 1947*........................Maryland
Curanzy, Raymond Ralph, B.S., *Juniata College, 1947*.............Pennsylvania
Deckelbaum, Joseph, B.S., *University of Maryland, 1947*.................Maryland
Dettbarn, Ernest Albert, B.S., *Randolph-Macon, 1947*.................Maryland
Donner, Leon, B.S., *State Teachers College, 1942*.........................Maryland
Dudley, Winston Clark, A.B., *Oberlin College, 1943*................Massachusetts
Dunn, George Mitchell, Jr., *George Washington University*....District of Columbia
Dunigan, William Andrew, A.B., *University of North Carolina, School of Medicine, September 1947 to June 1949*.......................North Carolina
Edwards, David Everett, *University of Maryland*................District of Columbia
Edwards, William Hunter, Jr., A.B., *Johns Hopkins University, 1940*......Maryland
Esmond, William George, B.S., *University of Maryland, 1940*.............Maryland
Evans, Otis Druell, Jr., B.S., *Davidson College, 1947*..............North Carolina
Ferguson, Charles Kirkpatrick, *Muskingum College*....................Kansas
Fitzgerald, Joseph Carroll, *Middlebury College*..........................Maryland
Fullilove, Jack, *University of Georgia*.....................................Georgia
Gallaher, James Patrick, *West Virginia University*.................West Virginia
Garcia-Palmieri, Mario Ruben, *University of Puerto Rico*..............Puerto Rico
Gardner, Francis, Sidney, Jr., A.B., *University of North Carolina, School of Medicine, September 1947 to June 1949*....................North Carolina
Gates, John Butler, *University of Wisconsin*..............................Wisconsin

Gordon, Benjamin Dichter, *Amherst College*..........................New York
Hatem, Frederick Joseph, *Georgetown University*........................Maryland
Hopkins, Robert Charles, B.S., *Allegheny College, 1946*............Pennsylvania
Iten, George Joseph, A.B., *Goshen College, 1946*.....................California
Johnson, Frederick Miller, B.S., *University of Maryland, 1943*...District of Columbia
Johnson, Wallace Edward, *Wesleyan University*..................New Hampshire
Kaschel, Paul Edward, A.B., *Wheaton College, 1947*..................New Jersey
Kindt, Willard Freed, *Muhlenberg College*........................Pennsylvania
King, Victor Francis, *University of Maryland*..........................Maryland
Kipnis, David Morris, A.B., *Johns Hopkins University, 1945*..............Maryland
Knipp, Harry Lester, *Loyola College*..............................Maryland
Kramer, Howard Calvin, *University of Maryland*......................Maryland
Lamb, William Eugene, B.S., *University of Florida, 1947*..................Florida
Lanning, Theodore Reuney, B.S., *Springfield College, 1944*..............New Jersey
Leibman, Jack, A.B., *Johns Hopkins University, 1947*..................Maryland
Ley, Leo Henry, Jr., *Mt. St. Mary's College of Maryland*..................Maryland
Lister, Leonard Melvin, *Loyola College*..............................Maryland
MacDonald, James Melvin, B.S., *Loyola College, 1947*....................Maryland
McFadden, Earl Boyd, B.S., *University of Maryland, 1947*................Maryland
McFadden, John William, *Mt. Union College*................................Ohio
McGrady, Charles Winifred, Jr., A.B., *Emory University, 1947*..........Georgia
McGrady, Kathleen Reilly, B.S., *Long Island University, 1947*.........New York
Mendez-Bryan, Ricardo Tomas, *University of Puerto Rico*..............Puerto Rico
Metcalf, John Shelby, Jr., *University of California*..................California
Mosser, Robert Schaaf, B.S., *University of Maryland, 1949*..............Maryland
Mutter, Arthur Zelig, *Franklin & Marshall College*......................Maryland
Myers, Donald Johnson, B.S., *Bethany College, 1934*.......................Ohio
Nygren, Edward Joseph A.B., *Western Maryland College, 1947*............Maryland
Orth, John Stambaugh, *University of Maryland*..........................Maryland
Packard, Douglas Richard, *University of Maryland*....................Maryland
Pencheff, Dorris Marie, A.B., *University of California, 1946*..........California
Perilla, Frank Robert, B.S., *University of Maryland, 1947*................Maryland
Perry, Henry David, Jr., A.B., *Emory University, 1947*..................Florida
Reeser, Guy McClelland, Jr., A.B., *Western Maryland College, 1947*......Maryland
Reeves, Henry Gray, Jr., B.S., *Wake Forest College, 1947*............North Carolina
Rex, Eugene Braiden, *Vanderbilt College*..............................Colorado
Reynolds, Georgia, A.B., *Western Maryland College, 1947*................Maryland
Richardson, Aubrey DeVaughn, B.S., *University of North Carolina, School of Medicine, Sept. 1947 to June 1949*..........................North Carolina
Rombro, Marvin Jay, A.B., *Bucknell University, 1947*....................Maryland
Rowland, Harry Shepard, Jr., A.B., *Wesleyan University, 1947*..........New Jersey
Saavedra-Amador, Armando, *University of Puerto Rico*.................Puerto Rico
Scott, Roger, David, *University of Virginia*..............................Florida
Scully, John Thorsen, *Indiana University*..............................Indiana
Shea, William Harold Holland, B.S., *Loyola College, 1947*................Maryland
Sherry, Samuel Norman, B.S., *University of Maryland, 1949*..............Maryland
Simmons, Leslie Dale, B.S., *West Virginia University, School of Medicine Sept. 1947 to June 1949*..............................West Virginia
Sipple, Edward N., *Earlham College*..................................Maryland
Skipton, Roy Kennedy, B.S., *University of Maryland, 1942*................Maryland
Solomon, David Milton, *University of Maryland*........................Maryland
Stone, John Hoskins, B.S., *University of Maryland*......................Maryland
Sutton, Julian Theoplous, A.B., *University of North Carolina, School of Medicine, September 1947 to June 1949*........................North Carolina
Tobias, Richard Boyd, B.S., *Bucknell University, 1947*..................Pennsylvania
Twigg, Homer Lee, Jr., *University of Maryland*..........................Maryland
Udel, Melvin, A.B., *University of Maryland, 1947*..........................Maryland
Venrose, Robert James, A.B., *University of Michigan, 1946*....................Ohio
Watson, Charles Polk, Jr., A.B., *West Virginia University, 1947*......West Virginia
Weekley, Robert Dean, B.S., *Heidelberg College, 1947*........................Ohio
Wheelright, Harvey Prarse, *Brigham Young University*........................Utah
Williams, Charles Ray, A.B., *Gettsburg College, 1947*......................Maryland
York, Shelley Clyde, Jr., B.S., *Guilford College, 1947*..............North Carolina

York, Thomas Luther, A.B., *University of North Carolina, School of Medicine Sept. 1947 to June 1949*..............................North Carolina
Young, Calvin Lessey, A.B., *Haverford College, 1947*....................Maryland

SOPHOMORE CLASS, SEPTEMBER 22, 1949 TO JUNE 10, 1950

Adams, Charles Baird, Jr., *University of Maryland*........................Maryland
Adelstein, Benjamin Alfred, A.B., *University of Pennsylvania, 1948*......Pennsylvania
Adkins, Charles Glen, *West Virginia University*....................West Virginia
Ahlquist, Richard Elmer, Jr., A.B., *Stanford University, 1948*...........Washington
Alderman, George Carl, Jr., B.S., *Loyola College, 1949*...................Maryland
Andrews, James William, B.S., *Muskingum College, 1948*.....................Ohio
Atkins, Raymond Melvin, *University of Maryland*..........................Maryland
Bakal, Daniel, B.S., *Loyola College, 1948*................................Maryland
Baker, Timothy Danford, A.B., *Johns Hopkins University, 1948*............Maryland
Bergofsky, Edward Harold, *University of Maryland*........................Maryland
Berrios, Osvaldo, *University of Puerto Rico*..........................Puerto Rico
Bridges, Jack Arthur, *University of Maryland*............................Maryland
Brooks, James Burch, B.S., *Loyola College, 1948*..........................Maryland
Brown, William Morris, Jr., A.B., *Mercer University, 1948*................Georgia
Carroll, John Edward, Jr., *Loyola College*................................Maryland
Clyman, Daniel, B.S., *University of Maryland, 1948*.......................Maryland
Cohen, Phin, *Duke University*..Maryland
Culpepper, Stuart Pitner, B.S., *University of Georgia, 1948*...............Florida
Devlin, Andrew Joseph, B.S., *Gonzaga University, 1948*................Washington
DiGiovanni, Anthony John, A.B., *Johns Hopkins University, 1948*..........Maryland
Douglas, Robert Arnold, B.S., *J. B. Stetson University, 1948*..............Florida
Douglass, Robert Corl, Jr., B.S., *University of Toledo, 1947* Ohio
Dunford, William Stanley, Jr., B.S., *Brigham Young University, 1948*..........Utah
Eakle, Burke Eldridge, *West Virginia University*...................West Virginia
Eckert, Herbert Lewis, *University of Maryland*............................Maryland
Egbert, Lawrence Deems, Jr., A.B., *Johns Hopkins University, 1948*........Maryland
Elgin, Lee William, Jr., *University of Florida*.............................Florida
Elliott, Charles Stanley, *Emory University*.................................Florida
Feski, Joseph Paul, *University of Pittsburgh*.........................Pennsylvania
Fine, Jack, *University of Maryland*..Maryland
Foley, Michael Joseph, *West Virginia University*...................West Virginia
Fritz, Louis Albert, B.S., *Loyola College, 1948*..........................Maryland
Gebhardt, Robert William, *University of Maryland*........................Maryland
Gislason, Paul Harold, A.B., *University of North Dakota, 1948*........North Dakota
Gonzalez, Luis Felipe, *University of Maryland*........................Puerto Rico
Gore, Jay Calvin, A.B., *Western Maryland College, 1948*...................Maryland
Grabill, James Rodney, *Georgetown University, American University*.........Maryland
Graybill, Clarence Edward, *University of Maryland*.......................Maryland
Greco, William Richard, *University of Maryland*...........................Maryland
Grubb, Robert Alvin, *University of Maryland*..............................Maryland
Hankoff, Leon Dudley, *University of Maryland*.............................Maryland
Heimer, William Lenox, B.S., *University of Maryland, 1948*................Maryland
Holmes, Charles Martin, *University of Miami*..............................Maryland
Houck, Romulus Vance, Jr., *University of Maryland*.......................Maryland
Hudgins, William Baird, A.B., *Emory University, 1948*......................Georgia
Hunter, DeWitt Talmade, Jr., B.S., *U. S. Naval Academy, 1945*............Virginia
Hunter, Laurel Mullins, A.B., *Westhampton College, 1948*.................Maryland
Hyatt, Irvin, *University of Maryland*.......................................Maryland
Keller, Franklin Lloyd, A.B., *Gettysburg College, 1945*...................Maryland
Kline, Frank Menefee, *University of Maryland*.............................Maryland
Knell, Joseph Anthony, Jr., A.B., *Loyola College, 1948*...................Maryland
Krager, John Martin, B.S., *Loyola College, 1948*...........................Maryland
Kramer, Irvin, *New York University*...Maryland
Krieger, Morton Morris, *University of Maryland*...........................Maryland
Lapp, Herbert Walter, *Seton Hall College*.................................New Jersey
Lightbody, Charles Harry, A.B., *Colby College, 1948*........................Maine
Love, Robert George, B.S., *Massachusetts State College, 1947*..........Massachusetts
Mathews, William Allen, *Westminster College, Wittenberg College*..............Ohio

McKay, John Nelson, *Ohio Wesleyan University, Gettysburg College*	Maryland
Olsen, Richard Young, A.B., *University of California, 1948*	California
Perry, Benton Bloch, B.S., *University of Chicago, 1947*	Maryland
Pillsbury, William Andrew, Jr., *University of Oregon, Loyola College*	Maryland
Potter, Vance Edward, *University of Maryland*	Maryland
Rabinowich, Malcolm Lee, *University of Maryland*	Maryland
Ramirez-Santisteban, Gilberto, *University of Puerto Rico*	Puerto Rico
Rappeport, Jonas Ralph, *University of Maryland*	Maryland
Rasmussen-Taxdal, David Samuel, *University of Maryland*	Pennsylvania
Reed, Julian Ward, *University of Maryland*	Maryland
Rosson, William Daniel, *University of Maryland*	Maryland
Schimmel, Bella Faye, B.S., *University of Michigan, 1948*	Maryland
Sharrett, John Oliver, *University of Virginia*	Maryland
Shoff, Mahlon James, A.B., *University of Delaware, 1948*	Delaware
Sindler, Richard Arnold, A.B., *Johns Hopkins University, 1948*	Maryland
Slager, Ursula Traugott, A.B., *Wellesley College, 1948*	Maryland
Smith, Bolyston Dandridge, *West Virginia University*	West Virginia
Smith, George Herbert, A.B., *Clark University, 1948*	Maine
Smoot, Aubrey Cannon, Jr., *University of Delaware*	Delaware
Spritz, Norton, A.B., *Johns Hopkins University, 1948*	Maryland
Stambler, Alvin Abraham, *University of Maryland*	Maryland
Stovall, Robert McRae, Jr., *Idaho State College*	Idaho
Trace, Robert James, *University of Wisconsin*	Wisconsin
Vicens, Carlos Nathaniel, B.S., *University of Puerto Rico, 1948*	Puerto Rico
Wallace, Scott, Pyper, A.B., *University of Utah, 1948*	Utah
Walsh, Harry Martin, B.S., *Washington College, 1948*	Maryland
Warren, Bryan Pope, Jr., *University of Maryland*	Maryland
Weeks, Howard Nelson, B.S., *Franklin & Marshall, 1948*	Maryland
Wildberger, Albert John, A.B., *Western Maryland College, 1948*	Maryland
Wolfel, Donald Anthony, *University of Maryland*	Maryland
Wolverton, William Roger, A.B., *West Virginia University, 1948*	West Virginia

FRESHMAN CLASS, SEPTEMBER 22, 1949 TO JUNE 10, 1950

Arp, Louis Croft, Jr., A.B., *State University of Iowa, 1949*	Illinois
Baldwin, Richard Moffett, B.S., *Loyola College, 1949*	Maryland
Banks, James Leroy, Jr., B.S., *Furman University, 1949*	South Carolina
Bastian, Grace Arlene, B.S., *College of Notre Dame of Maryland, 1949*	Maryland
Beck, George Henry, A.B., *Western Maryland College, 1949*	Maryland
Berkow, Robert, B.S., *University of Maryland, 1949*	Maryland
Blumenfeld, Samuel, A.B., *University of Maryland, 1949*	Maryland
Boggs, James Ernest, A.B., *West Virginia University, 1949*	West Virginia
Bove, Joseph Richard, *University of Maryland*	New Jersey
Brinkley, George Ross, Jr., A.B., *West Virginia University, 1949*	West Virginia
Burkart, Thomas Joseph, B.S., *Loyola College, 1949*	Ohio
Byerly, Walter Houch, A.B., *Johns Hopkins University, 1949*	Maryland
Byrnes, Bernard Joseph, Jr., B.S., *Loyola College, 1949*	Maryland
Carroll, Charles Fisher, Jr., B.S., *Guilford College, 1949*	North Carolina
Carroll, Marcus Newman, Jr., A.B., *Johns Hopkins University, 1949*	Florida
Carter, Donald Sweetser, *Duke University*	Maryland
Clift, John Vinton, B.S., *Hampden-Sydney College, 1949*	Maryland
Codington, John Bonnell, B.S., *Davidson College, 1949*	North Carolina
Cohen, Jerome, *University of Maryland*	Maryland
Colon-Lugo, Salomon, *University of Puerto Rico*	Puerto Rico
Cook, Arthur John, A.B., *Emory University, 1949*	Georgia
Custer, Robert Stockton, B.S., *Loyola College, 1949*	Maryland
Doerner, Wyand Francis, Jr., B.S., *Mt. St. Mary's College, 1949*	Maryland
Dowell, Rowland Judson, *University of Utah*	Utah
Dumler, John Donald, *University of Maryland*	Maryland
Edlow, Jules Bernard, *University of Maryland*	Maryland
Eye, Harry Luke, A.B., *West Virginia University, 1949*	West Virginia
[1]Fernandez-Quintana, Agustin, *University of Puerto Rico*	Puerto Rico
Firor, Hugh Valentine, *University of Georgia*	Georgia
Flax, Leonard Harold, *University of Maryland*	Maryland

Frieman, Sylvan, B.S., *University of Maryland, 1949*	Maryland
Garlock, Frederick Adams, *University of Maryland*	Maryland
Garrison, Joseph Shermer, 3d, A.B., *Western Maryland College, 1949*	Maryland
Gevas, George, B.S., *University of Maryland, 1949*	Maryland
Gillotte, Joseph Patrick, *University of Maryland*	Connecticut
[1]Glick, Leonard Barry, *University of Maryland*	Maryland
Goldstein, Robert Bruce, *University of Maryland*	Maryland
Greil, Louis Corneilus, Jr., *University of Maryland*	Maryland
Hartman, John McMaster, A.B., *West Virginia University, 1949*	West Virginia
Heisse, John Wilbur, Jr., A.B., *Johns Hopkins University, 1949*	Maryland
Henson, Kenneth Clifford, B.S., *Salem College, 1949*	Maryland
Herbert, Thomas Franklyn, *Johns Hopkins University*	Maryland
Hess, Charles Franklin, A.B., *McPherson College, 1949*	Pennsylvania
Himmelwright, George Overton, *University of Maryland*	Maryland
Holder, William Lewis, A.B., *Emory University, 1949*	Georgia
Jones, Henry Albert, Jr., *Johns Hopkins University*	Maryland
Jones, Thomas Lawson, *University of Maryland*	Maryland
Judge, Walter Francis, B.S., *University of Notre Dame, 1949*	New Jersey
Kaese, Werner Erich, B.S., *Albright College, 1949*	Pennsylvania
Karn, William Nicholas, Jr., *Alfred University*	Maryland
Kingsbury, Robert Coburn, *University of Maryland*	Maryland
Kiser, William Sites, *University of Maryland*	West Virginia
Knight, Arthur Clyde, *University of Montana*	Montana
Lambert, Robert Young, A.B., *Emory University, 1949*	South Carolina
Langrall, Harrison Morton, Jr., A.B., *Johns Hopkins University, 1949*	Maryland
Lee, Benjamin Buck, A.B., *Johns Hopkins University, 1949*	Maryland
Leighton, Herbert Houck, *Western Maryland College*	Maryland
Levine, Robert Lee, *University of Maryland*	Maryland
Longo-Cordero, Rafael, *University of Puerto Rico*	Puerto Rico
Madge, Gordon Evans, *College of William and Mary*	Maryland
McCurry, Don Meredith, Jr., *University of Maryland*	Maryland
McFadden, Archibald Weems, *University of Maryland*	Virginia
Mendelsohn, Ronald Edward, B.S., *University of Maryland, 1949*	Maryland
Metcalf, John William, Jr., *Kent State University*	Ohio
Middleton, Benjamin Martin, *University of Maryland*	Maryland
Might, James Edward, A.B., *Wittenberg College, 1949*	Ohio
Miles, Leslie Roy, Jr., A.B., *West Virginia University, 1949*	Pennsylvania
Miller, George Henry, *University of Maryland*	Maryland
Miller, Norman Louis, *University of Maryland*	Maryland
Novey, Riva Esther, A.B., *Goucher College, 1935*, M.S., *Smith College, 1938*	Maryland
Palmisano, Joseph Frank, *University of Maryland*	Maryland
Peck, George Charles, A.B., *Johns Hopkins University, 1949*	Maryland
Powder, James Richard, A.B., *Johns Hopkins University, 1949*	Maryland
Read, James Lamar, B.S., *University of Maryland, 1949*	Maryland
Richardson, Joe Bernal, A.B., *Emory University, 1949*	Georgia
Richmond, Lewis Cass, Jr., *Duke University*	West Virginia
Rogers, Edwin Lee, A.B., *Lenoir Rhyne College, 1949*	South Carolina
Rowe, James Earle, Jr., *University of Maryland*	Maryland
Schindler, Richard Elias, *University of Maryland*	Maryland
Shuman, Joseph Ellyn, B.S., *Washington College, 1949*	Maryland
Singleton, Robert Tiffany, *University of Maryland*	Maryland
Skaggs, Thomas Wayne, B.S., *University of Miami, 1947*	Florida
Slasman, William Howry, Jr., A.B., *Johns Hopkins University, 1949*	Maryland
Smith, William Meredith, Jr., B.S., *Mt. St. Mary's College, 1949*	Maryland
Spudis, Edward Verhines, *University of Maryland*	Washington, D. C.
Stauffer, John Craig, A.B., *Princeton University, 1949*	Maryland
Templeton, William Pendleton, *University of Maryland*	Maryland
Treiber, Martin William, B.S., *University of Maryland, 1948*	Maryland
Troxel, James Roy, A.B., *Johns Hopkins University, 1948*	Maryland
Tyson, William Alva Way, B.S., *Dickinson College, 1949*	Maryland
Vance, Arnold Leonard, *University of Maryland*	Maryland
Walter, Herbert Guy, Jr., *University of Nevada*	Nevada
Watson, Jack Thomas, B.S., *U. S. Naval Academy, 1945*	West Virginia

Weaver, Karl Hanna, *West Virginia University*....................West Virginia
Webster, Joel Stoops, *University of Maryland*............................Maryland
Weeks, Harry Stephen, Jr., A.B., *West Virginia University, 1949*......West Virginia
Weiner, Israel Howard, A.B., *Johns Hopkins University, 1949*.............Maryland
[1]Wood, Donald Orem, *University of Maryland*............................Maryland

INTRAMURAL POSTGRADUATE STUDENTS

July 1, 1949 to June 30, 1950

General Anatomy

Morgan, Jack C., M.D.	Baltimore, Maryland	*University of Maryland*

Surgical Anatomy

Alecce, Andrew A., M.D.	Baltimore, Maryland	*University of Maryland*
Alvarez, Joseph, M.D.	Baltimore, Maryland	*Temple University*
Biehl, Harold P., M.D.	Baltimore, Maryland	*University of Maryland*
Bolton, Houck E., M.D.	Baltimore, Maryland	*University of Oklahoma*
Borkovic, George Wm., M.D.	Vanport, Pa.	*Johns Hopkins University*
Carrier, Marshall H., Jr. M.D.	Keyser, W. Va.	*Johns Hopkins University*
Chambers, Robert G., M.D.	Owings Mills, Md.	*Duke University*
Conant, James S., M.D.	Glenn Dale, Maryland	*Yale University*
Dolce, Joseph R., M.D.	Buffalo, New York	*University of Buffalo*
Herold, Paul G., M.D.	Baltimore, Maryland	*University of Maryland*
Johnson, Robert W., III, M.D.	Brooklandville, Md.	*Johns Hopkins University*
Kehoe, Moylan B., M.D.	Flint, Michigan	*St. Louis University*
Macht, Allan Harris, M.D.	Baltimore, Maryland	*University of Maryland*
Martin, Richard Gordon, M.D.	Baltimore, Maryland	*Temple University*
Pines, Samuel R., M.D.	Baltimore, Maryland	*University of Maryland*
Pitchford, Clyde, M.D.	Baltimore, Maryland	*Stanford Medical School*
Virusky, Edmund Joseph, M.D.	Freeland, Pa.	*University of Maryland*
Watt, Charles H., Jr., M.D.	Thomasville, Ga.	*Johns Hopkins University*

Basic Sciences as They Apply to Obstetrics and Gynecology

Fisher, Edward J., M.D.	Dallastown, Pa.	*Jefferson Medical College*
Hack, Rudolf William, M.D.	San Bernardino, Calif.	*Illinois Medical College*
Linthwaite, Robert F., M.D.	Melrose, Mass.	*Los Angeles College of Medical Evangelists*
Steinberg, Murray, M.D.	Baltimore, Maryland	*N. Y. Univ. College of Medicine*

Pathology Section of Basic Sciences as Applied to Gynecology and Obstetrics

Richter, Christian F., M.D.	Baltimore, Maryland	*University of Maryland*

Gynecology and Obstetrics

Athanassiadou, Panagota, M.D.	Salonika, Greece	*University of Salonika*

Neuropathology

Ayd, Frank J., Jr., M.D.	Baltimore, Maryland	*University of Maryland*

Pathology

Morgan, Jack C., M.D.	Baltimore, Maryland	*University of Maryland*

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[1] Did not complete the year.

Experimental Surgery

From St. Joseph's Hospital:

Alecce, Andrew A., M.D.	Baltimore, Maryland	*University of Maryland*

From Baltimore City Hospitals:

Crabb, Gordon, M.D.	Essex, Maryland	*Columbia University*
Curtis, Hugh P., M.D.	Ontario, Calif.	*University of California*
Cunnick, Paul C., M.D.	Baltimore, Md.	*Iowa University*

From Mercy Hospital:

Smelzer, Rennert, M.D.	Baltimore, Maryland	*University of Maryland*
Thomas, Clyde D., Jr., M.D.	Clendenin, W. Va.	*University of Maryland*

From University Hospital:

Brumback, Frank E., M.D.	Hagerstown, Md.	*University of Maryland*
Evans, John E., Jr., M.D.	North Carolina	*University of Maryland*
Mansberger, Arlie R., Jr., M.D.	Baltimore Maryland	*University of Maryland*
McNinch, James R., M.D.	Pennsylvania	*University of Maryland*
White, John P., III, M.D.	Baltimore, Maryland	*University of Maryland*

EXTRAMURAL POSTGRADUATE STUDENTS

Physicians Attending 1949–1950 Extension Lectures

Course Given at Washington County Hospital, Hagerstown, Maryland:

Aldis, Henry, M.D.	Shepherdstown, W. Va.	*University of Kansas*
Beachley, Jack H., M.D.	Hagerstown, Md.	*University of Maryland*
Bell, R. A., M.D.	Hagerstown, Md.	*University of Maryland*
Brewer, David R., M.D.	Clear Spring, Md.	*Not Given*
Campbell, Robert v.L.	Hagerstown, Md.	*Duke University*
Ditto, E. W., Jr., M.D.	Hagerstown, Md.	*Jefferson Medical College*
Dwyer, J. R., M.D.	Hagerstown, Md.	*University of Maryland*
Hirshman, Philip J., M.D.	Hagerstown, Md.	*University of Virginia*
Hoffman, Lloyd A., M.D.	Hagerstown, Md.	*Johns Hopkins University*
Hoachlander, Eldon G., M.D.	Hagerstown, Md.	*Temple University*
Hornbaker, John H. M.D.	Hagerstown, Md.	*University of Maryland*
Keadle, Robert F., M.D.	Hagerstown, Md.	*University of Maryland*
Kneisley, B. B., M.D.	Hagerstown, Md.	*University of Pa.*
Kohler, G. A., M.D.	Smithsburg, Md.	*University of Maryland*
Lai, Daniel G., M.D.	Cascade, Md.	*Rush Medical School*
Layman, Wm. T., M.D.	Hagerstown, Md.	*University of Maryland*
LeVan, Gerald W., M.D.	Boonsboro, Md.	*Jefferson Medical College*
Lusby, Frank F., M.D.	Hagerstown, Md.	*University of Maryland*
Novenstein, Sidney, M.D.	Funkstown, Md.	*University of Maryland*
Poole, Ernest F., M.D.	Hagerstown, Md.	*Jefferson Medical College*
Schoolman, L. R., M.D.	Frederick, Md.	*University of Maryland*
Shaffer, Lester M., M.D.	Hancock, Maryland	*University of Geneva*
Shealy, Walter H., M.D.	Sharpsburg, Md.	*University of Maryland*
Stauffer, Ralph S., M.D.	Hagerstown, Md.	*Jefferson Medical College*
Sullivan, E. Margaret, M.D.	Hagerstown, Md.	*University of Rochester*
Tabler, H. E., M.D.	Hancock, Maryland	*University of Maryland*
Wanger, Halvard, M.D.	Shepherdstown, W. Va.	*University of Illinois*
Wells, Samuel Robert, M.D.	Hagerstown, Md.	*University of Maryland*
Wishard, Walter H., M.D.	Waynesboro, Pa.	*Jefferson Medical College*
Wroth, Peregrine, Jr., M.D.	Hagerstown, Md.	*Johns Hopkins University*
Yeager, Howard W., M.D.	Hagerstown, Md.	*University of Maryland*
Young, Ralph F., M.D.	Williamsport, Md.	*University of Maryland*
Zimmerman, Ira M., M.D.	Williamsport, Md.	*University of Maryland*

Course Given at Peninsula General Hospital, Salisbury, Maryland:

Becker, R. H., M.D.	Bridgeville, Del.	*Hahnemann Medical College*
Briele, Henry A., M.D.	Salisbury, Md.	*University of Maryland*
Critcher, C. E., M.D.	New Church, Virginia	*Medical College of Virginia*
Emrich, William, M.D.	Hebron, Maryland	*University of Maryland*
Fisher, Wm. H., Jr., M.D.	Salisbury, Md.	*Duke University*
Gilmore, David J., M.D.	Salisbury, Md.	*University of Pa.*
Gramse, Fred R., M.D.	Salisbury, Md.	*George Washington Univ.*
Gray, Wm. D., M.D.	Salisbury, Md.	*University of Pa.*
Huxtable, T. R., Jr., M.D.	Princess Anne, Md.	*College of Med. Evangelists*
LaMar, Robert C., M.D.	Snow Hill, Md.	*University of Maryland*
Lewis, Frank R., M.D.	Willards, Maryland	*University of Maryland*
Long, Wm. B., M.D.	Salisbury, Md.	*University of Maryland*
Morgan, Wm. C., M.D.	Salisbury, Md.	*Duke University*
Moyer, Charles M., M.D.	Laurel, Del.	*Temple University*
Robbins, Herman A., M.D.	Berlin, Maryland	*University of Graz, Austria*
Sartorius, Norman E., Jr., M.D.	Pocomoke City, Md.	*University of Maryland*
Sartorius, Norman E., Sr., M.D.	Pocomoke City, Md.	*University of Maryland*
Sembly, G. Herbert, M.D.	Salisbury, Md.	*Howard University*
Smith, Stedman W., M.D.	Salisbury, Md.	*McGill University*
Townsend, Francis J., Jr., M.D.	Ocean City, Md.	*University of Maryland*
Wolff, Eldridge H., M.D.	Cambridge, Md.	*University of Maryland*

SUMMARY OF STUDENTS

September 20, 1949 to June 10, 1950

Medical Students	*Male*	*Female*	*Total*
Senior Class	71	9	80
Junior Class	91	4	95
Sophomore Class	87	2	89
Freshman Class	96	2	98
Medical Students	345	17	362
Intramural Post-Graduate Students	38	0	38
Extramural Post-Graduate Students	52	2	54
	435	19	454

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 20, 1949 to June 10, 1950

California	8
Colorado	1
Connecticut	4
Delaware	3
District of Columbia	6
Florida	11
Georgia	9
Idaho	1
Illinois	3
Indiana	2
Kansas	2
Maine	2
Maryland	202
Massachusetts	3
Missouri	1
Nevada	2
New Hampshire	1
New Jersey	10
New York	5
North Carolina	14
North Dakota	1
Ohio	12
Pennsylvania	15
South Carolina	2
Utah	4
Virginia	1
Washington	2
West Virginia	21
Wisconsin	2

United States Possessions

Puerto Rico	12

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The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University of Maryland, coming under the same government. It is a non-sectarian school, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 435 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing.

Programs offered: The programs of study of the school are planned for two groups of students: (a) the five-year group, (b) the 36-month group.

The requirements for admission to the five-year program of the School of Nursing are the same as for other colleges of the University. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and to the diploma of the University Hospital School of Nursing.

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Applications and catalogues may be obtained from the Director of the School of Nursing, University Hospital, Baltimore 1, Md.

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The Mercy Hospital School of Nursing, established in 1899 and incorporated on December 23, 1901, is approved by the National Nursing Accrediting Service. It is an integral part of the Mercy Hospital and is under the same government. Mercy Hospital, a general hospital containing 350 beds, affords exceptional advantages for the education of nurses, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland, it secures professors who give to the student the results of their training and experience in the fields of the medical and related sciences.

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Zupnik, Howard L., 19, 32, 36, 74
Zuravin, Meyer H., 32

The Frank C. Bressler Research Laboratory

University Hospital

September, 1951

UNIVERSITY OF MARYLAND

SCHOOL OF MEDICINE

1807-1856-1920

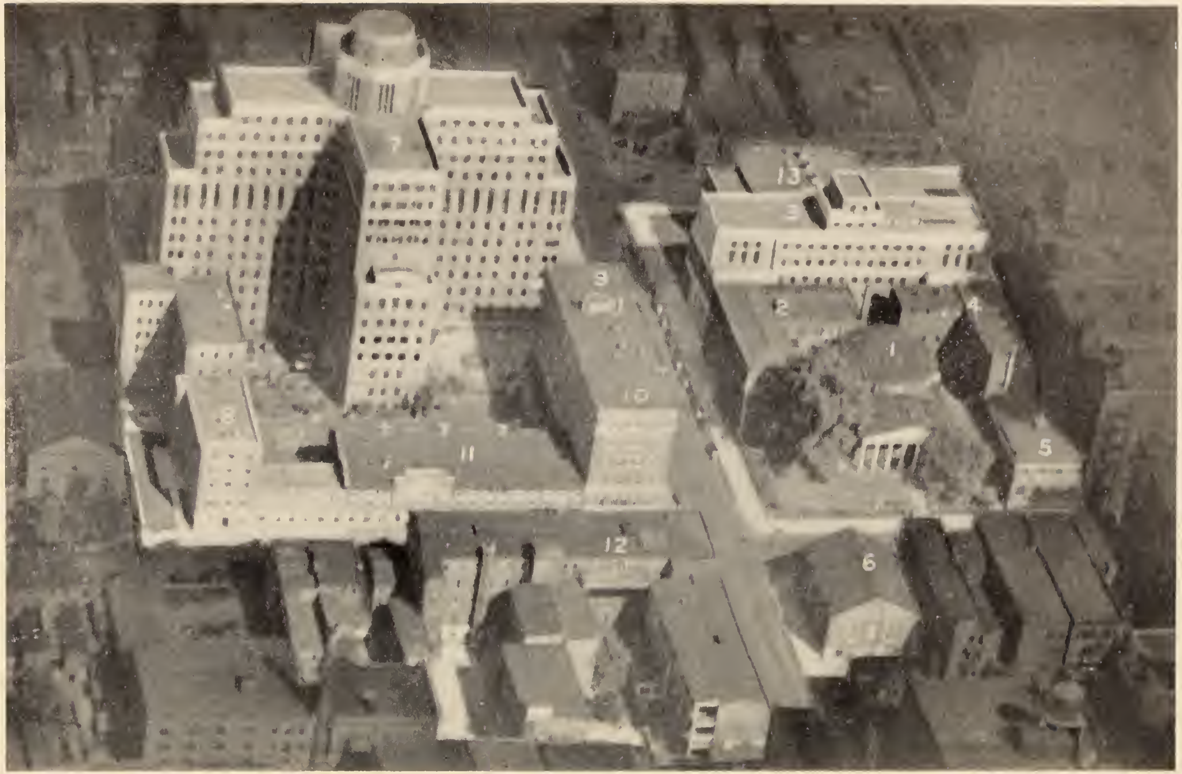
CATALOGUE & ANNOUNCEMENTS

522 W. LOMBARD STREET, BALTIMORE 1, MD.

NOTE

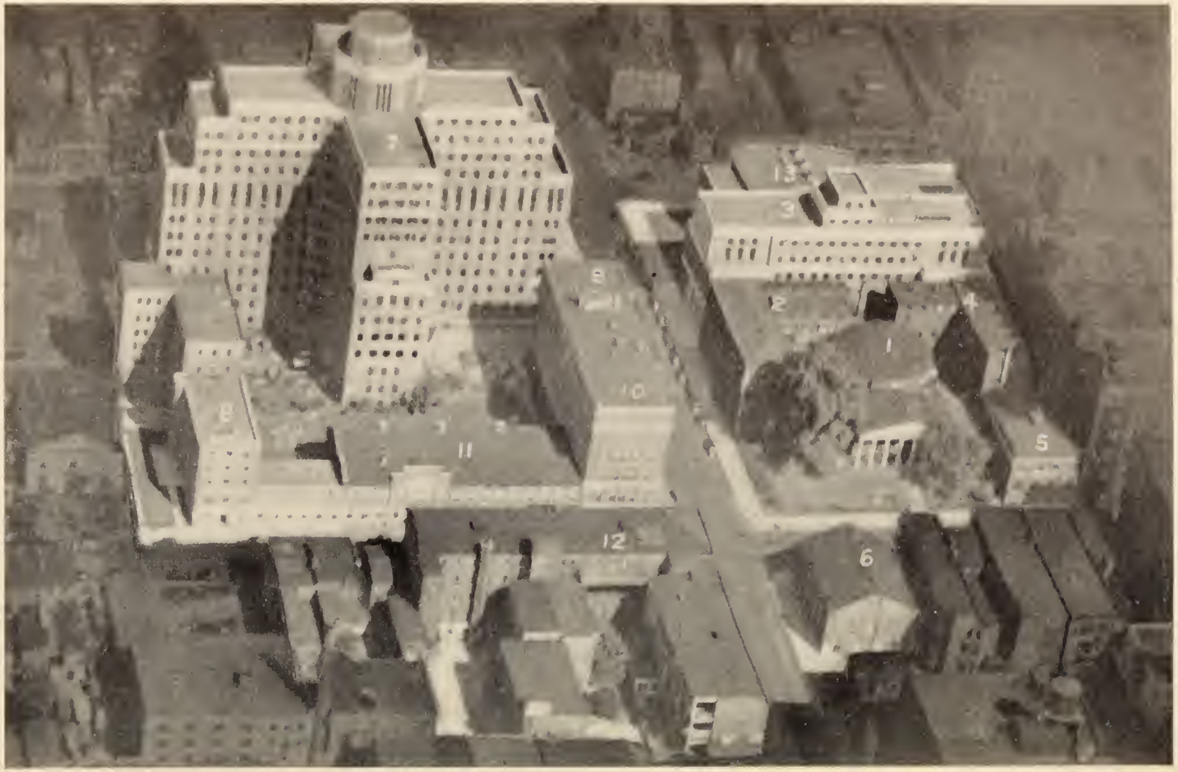
This catalogue was closed for the press on May 31, 1951. The announcements and lists of names have been made as accurate as possible, but the right is reserved to make changes whenever it is expedient. Accordingly, the information provided may not be accurate, in every instance, for the period involved.

Made in United States of America



Baltimore Schools—University of Maryland

1. Original Medical Building
2. Laboratory Building, Medicine
3. Bressler Building, Medicine
4. Gray Laboratory, Student's Lounge, Medicine
5. Administration Building, College of Education, Baltimore Division
6. Medical Library
7. University Hospital
8. Nurses' Home, Medicine
9. School of Pharmacy
10. School of Dentistry
11. Dental Clinic
12. Out-Patient Clinics, Medicine
13. School of Law



Baltimore Schools—University of Maryland

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12. Out-Patient Clinics, Medicine
13. School of Law

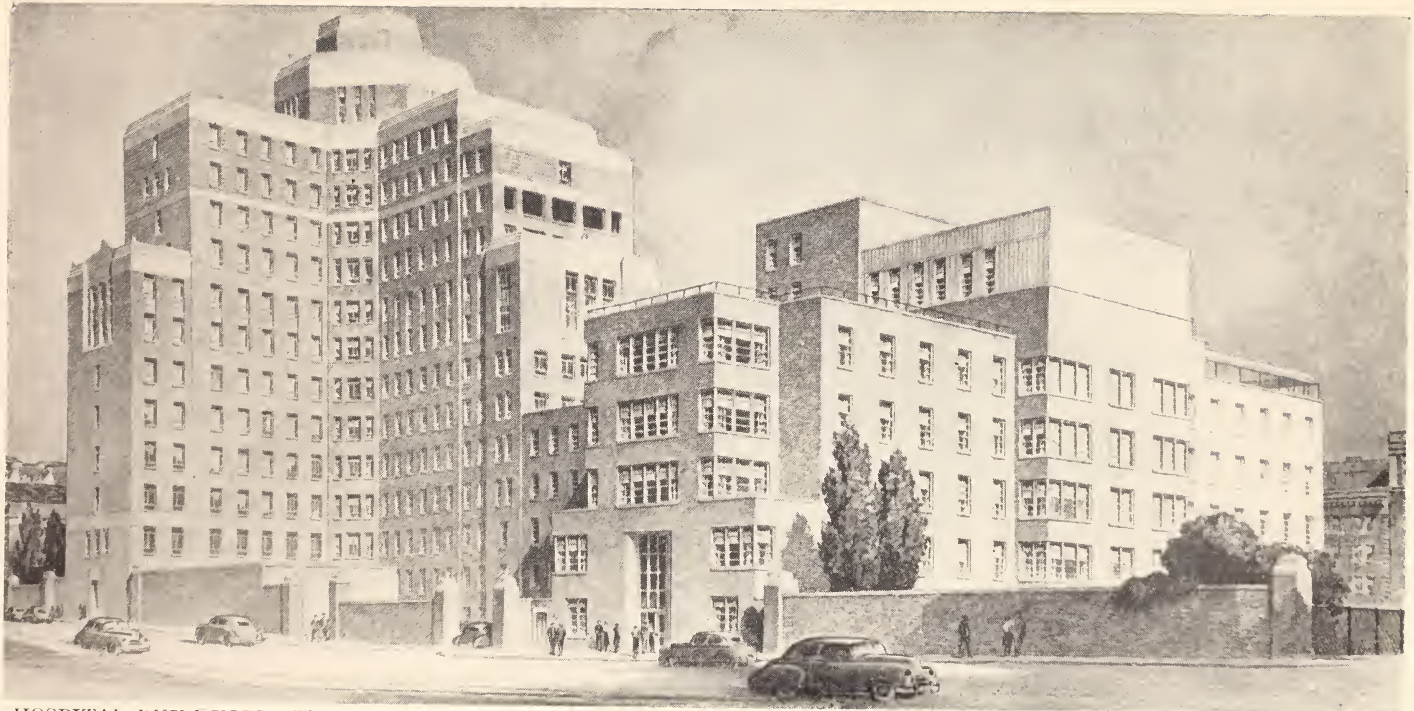
BULLETIN
OF THE
SCHOOL *of* MEDICINE
UNIVERSITY OF MARYLAND

SEPTEMBER, 1951

Announcements for

The One Hundred Forty-Sixth Academic Session
1951–1952

Catalogue of
The One Hundred Forty-Fifth Academic Session
1950–1951



HOSPITAL BUILDINGS. The tall building at the left is the present University Hospital. An addition now under construction, is shown at the right.

CALENDAR

1951

JULY

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1952

JANUARY

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DECEMBER

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1953

JANUARY

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FEBRUARY

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MARCH

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APRIL

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JUNE

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CALENDAR

ACADEMIC YEAR—SEPTEMBER 20, 1951 TO JUNE 7, 1952

1951			
September	10, 11, 12		Re-examinations for advancement

FIRST SEMESTER—September 20, 1951 to January 26, 1952

September	18	Tuesday	*Registration, payment of fees, freshmen & sophomores
September	19	Wednesday	*Registration, payment of fees, all other students
September	20	Thursday	Instruction begins at 8:30 a.m.
November	20	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
November	26	Monday	Instruction resumed
December	21	Friday	Instruction suspended at 5:00 p.m. Christmas Holiday
1952			
January	3	Thursday	Instruction resumed
January	21	Monday	Midyear examinations
	to		*Payment of fees for second semester
January	26	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 28 to June 7, 1952

January	28	Monday	Instruction begins at 8:30 a.m.
February	21	Thursday	Instruction suspended at 5:00 p.m.
February	22	Friday	Holiday—Washington's Birthday
February	23	Saturday	Instruction resumed
April	10	Thursday	Instruction suspended at 5:00 p.m. Easter Holiday
April	15	Tuesday	Instruction resumed
April	22	Tuesday	Juniors and Seniors excused to attend annual meetings
April	23	Wednesday	of the Medical & Chirurgical Faculty
May	19	Monday	Junior examinations begin
May	24	Saturday	Senior classes cease at 5:00 p.m.
May	26	Monday	Junior examinations continue Sophomore and Freshman examinations begin
May	30	Friday	Holiday—Memorial Day
May	31	Saturday	Announcement of graduates
June	7	Saturday	Commencement Second Semester completed at 12:30 p.m.

PARTIAL CALENDAR FOR 1952–1953

1952			
September	8, 9, 10		Re-examinations for advancement
September	16	Tuesday	*Registration, payment of fees, freshmen & sophomores
September	17	Wednesday	*Registration, payment of fees, all other students
September	18	Thursday	Instruction begins at 8:30 a.m.

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* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars ($5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

HARRY CLIFTON BYRD, B.S., LL.D., D.SC., *President and Executive Officer*

BOARD OF REAGENTS

		Term Expires
WILLIAM P. COLE, JR., *Chairman*	Baltimore	1958
STANFORD Z. ROTHSCHILD, *Secretary*	Baltimore	1952
J. MILTON PATTERSON, *Treasurer*	Baltimore	1953
B. HERBERT BROWN, JR.	Baltimore	1960
EDWARD F. HOLTER	Middletown	1959
E. PAUL KNOTTS	Denton	1954
ARTHUR O. LOVEJOY	Baltimore	1960
CHARLES P. MCCORMICK	Baltimore	1957
HARRY H. NUTTLE	Denton	1957
PHILIP C. TURNER	Parkton	1959
MRS. JOHN L. WHITEHURST	Baltimore	1956

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Advisory Board, Council, or Committee composed of the Dean and members of its faculty, which controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Education (Baltimore Division)

At College Park

The College of Agriculture
The College of Arts and Sciences
The College of Business and Public Administration
The College of Education
The Glenn L. Martin College of Engineering and Aeronautical Sciences
The College of Home Economics
The Graduate School
The College of Military Science
The College of Physical Education, Recreation and Health
The College of Special and Continuation Studies
The Summer School

ADMINISTRATIVE OFFICERS

SCHOOL OF MEDICINE

H. C. Byrd, B.S., LL.D., D.Sc.	*President of the University*
H. Boyd Wylie, M.D.	*Dean*
Alma H. Preinkert, M.A.	*Registrar*
Edgar F. Long, Ph.D.	*Director of Admissions*

SCHOOL *of* MEDICINE

FACULTY OF MEDICINE

EMERITI

J. M. H. Rowland, M.D., D.Sc., LL.D.	Professor of Obstetrics, Emeritus; Dean, Emeritus
Henry J. Walton, M.D.	Professor of Roentgenology, Emeritus
Page Edmunds, M.D.	Professor of Traumatic Surgery, Emeritus
Ruth Lee Briscoe	Librarian, Emeritus
Albertus Cotton, M.A., M.D.	Professor of Orthopaedic Surgery, and Roentgenology, Emeritus[5]
Harvey G. Beck, M.D., D.Sc.	Professor of Clinical Medicine, Emeritus
Irving J. Spear, M.D.	Professor of Neurology, Emeritus
Carl L. Davis, M.D.	Professor of Anatomy, Emeritus
Arthur M. Shipley, M.D., D.Sc.	Professor of Surgery, Emeritus
Clyde A. Clapp, M.D.	Professor of Ophthalmology, Emeritus
Andrew C. Gillis, M.A., M.D., LL.D.	Professor of Neurology, Emeritus
Edgar B. Friedenwald, M.D.	Professor of Clinical Pediatrics, Emeritus

ADVISORY BOARD OF THE FACULTY

Dean H. Boyd Wylie, *Chairman*

O. G. Harne, *Secretary*

George H. Buck, *Ex Officio Member*

William R. Amberson
James G. Arnold, Jr.
Walter A. Baetjer
Charles Bagley, Jr.
J. Edmund Bradley
Otto C. Brantigan
Raymond M. Burgison
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Thomas R. Chambers
Carl Dame Clarke
Richard G. Coblentz
Beverley C. Compton
Charles N. Davidson
John DeCarlo, Jr.
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C. Reid Edwards
Monte Edwards
Frederick P. Ferguson
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Jacob E. Finesinger
A. H. Finkelstein
Moses Gellman
Gordon E. Gibbs
Frank W. Hachtel
Edward J. Herbst
Cyrus F. Horine
Harry C. Hull
J. Mason Hundley, Jr.
Elliott H. Hutchins
Edward S. Johnson
F. L. Jennings
Frank D. Kaltreider
James R. Karns
Walter L. Kilby
Edward A. Kitlowski
F. Edwin Knowles
Vernon E. Krahl
John C. Krantz, Jr.
Louis A. M. Krause
Kenneth D. Legge
R. W. Locher
Edward A. Looper
William S. Love, Jr.
John F. Lutz
Charles W. Maxson
Zachariah Morgan
Theodore H. Morrison
Alfred T. Nelson
H. Whitman Newell
Thomas R. O'Rourk
C. W. Peake
D. J. Pessagno
H. R. Peters
Maurice C. Pincoffs
J. Morris Reese

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[5] Died May 3, 1951.

Charles A. Reifschneider
Dexter L. Reimann
Harry M. Robinson, Sr.
Harry L. Rogers
Milton S. Sacks
Emil G. Schmidt
Andrew G. Smith
Dietrich C. Smith
Frederick B. Smith
William H. Smith
Hugh R. Spencer
Thomas P. Sprunt
Edward Steers
W. Houston Toulson
J. McCullough Turner
Eduard Uhlenhuth
Henry F. Ullrich
Raymond E. Vanderlinde
Allen F. Voshell
John A. Wagner
Grant E. Ward
C. Gardner Warner
Huntington Williams
Walter D. Wise
Theodore E. Woodward
Thomas C. Wolff
Robert B. Wright
George H. Yeager
Waitman F. Zinn

ADVISORY COMMITTEE OF THE FACULTY

William R. Amberson
J. Edmund Bradley
Louis H. Douglass
C. Reid Edwards
Jacob E. Finesinger
Frank W. Hachtel
O. G. Harne, Assistant to the Dean, *Secretary*
J. Mason Hundley
Walter L. Kilby
F. Edwin Knowles, Jr.
John C. Krantz, Jr.
Alfred T. Nelson
Maurice C. Pincoffs
Emil G. Schmidt
Hugh R. Spencer
Eduard Uhlenhuth
H. Boyd Wylie, Dean *Chairman*

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.
William R. Amberson, Ph.D., Professor of Physiology, and Head of the Department.
Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.
Joseph C. Biddix, Jr., D.D.S., Professor of Oral Diagnosis, School of Dentistry.
J. Edmund Bradley, M.D., Professor of Pediatrics, and Head of the Department.
Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Clinical and Thoracic Surgery.
T. Nelson Carey, M.D., Professor of Clinical Medicine.
C. Jelleff Carr, Ph.D., Professor of Pharmacology.[2]
Richard G. Coblentz, M.A., M.D., Professor of Clinical Neurological Surgery.
Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.
Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.
Louis H. Douglass, M.D., Professor of Obstetrics, and Head of the Department.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1951 to June 30. 1952 unless otherwise indicated. Changes are noted as follows:

[1] Appointments effective July 1, 1951.
[2] Promotions effective July 1, 1951.
[3] Resignations.
[4] Retirements.
[5] Deaths.
[6] Leave of absence.

Charles Reid Edwards, M.D., Professor of Surgery, and Acting Head of the Department.
Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology.
Ray Ehrensberger, Ph.D., Professor of Speech, College of Arts and Sciences.
Lloyd D. Felton, A.B., D.Sc., M.D., Visiting Research Professor of Bacteriology.[1]
Frank H. J. Figge, Ph.D., Professor of Anatomy.
Jacob E. Finesinger, M.D., Professor of Psychiatry, and Head of the Department.
Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.
Frank W. Hachtel, M.D., Professor of Bacteriology, and Head of the Department.
Harry C. Hull, M.D., Professor of Clinical Surgery.
J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology, and Head of the Department.
Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
F. L Jennings, M.D., Professor of Clinical Surgery.
C. Loring Joslin, M.D., Professor of Pediatrics.
Walter L. Kilby, M.D., Professor of Roentgenology, and Head of the Department.
Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology, and Head of the Department.
Louis A. M. Krause, M.D., Professor of Clinical Medicine.
Kenneth D. Legge, M.D., Professor of Clinical Urology.
Edward A. Looper, M.D., D.Oph., Professor of Otolaryngology, and Head of the Department.
Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
Alfred T. Nelson, M.D., Professor of Anaesthesiology, and Head of the Department.
Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.
Thomas R. O'Rourk, M.D., Professor of Otolaryngology.
D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine
Maurice C. Pincoffs, B.S., M.D., Professor of Medicine, and Head of the Department.
Kyrle W. Preis, D.D.S., Professor of Orthodontics, School of Dentistry.[1]
Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.
Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
John R. Reid, Ph.D., Visiting Professor of Psychiatry.[1a]
Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.
Harry M. Robinson, Sr., M.D., Professor of Dermatology.
Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry, and Head of the Department.
Dietrich Conrad Smith, Ph.D., Professor of Physiology.
Hugh R. Spencer, M.D., Professor of Pathology, and Head of the Department.
Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine
W. Houston Toulson, M.Sc., M.D., Professor of Urology.
I. Ridgeway Trimble, M.D., Professor of Clinical Surgery.[2]
Eduard Uhlenhuth, Ph.D., Professor of Anatomy, and Head of the Department.
Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
Walter D. Wise, M.D., Professor of Surgery.
George H. Yeager, B.S., M.D., Professor of Clinical Surgery, and Director of Clinical Research.
Waitman F. Zinn, M.D., Professor of Otolaryngology.

[1a] Appointment effective Sept. 1, 1950

ASSOCIATE PROFESSORS

Franklin R. Anderson, M.D., Associate Professor of Otolaryngology.[5]
Merle Ansberry, Ph.D., Associate Professor of Speech, College of Arts and Sciences.
James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.
H. M. Bubert, M.D., Associate Professor of Medicine.
Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.
Carl Dame Clarke, Associate Professor of Art as Applied to Medicine.
Charles N. Davidson, M.D., Associate Professor of Roentgenology.
Ross Davies, M.D., Associate Professor of Hygiene and Public Health.
J. S. Eastland, M.D., Associate Professor of Medicine.
A. H. Finkelstein, M.D., Associate Professor of Pediatrics.
Russel S. Fisher, M.D., Associate Professor of Legal Medicine.[1]
Leon Freedom, M.D., Associate Professor of Neurology.
Frederick P. Furguson, Ph.D., Associate Professor of Physiology.[2]
William L. Garlick, A.B., M.D., Associate Professor of Thoracic Surgery and Associate in Surgery.[2]
Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.
Gordon E. Gibbs, M.D., Associate Professor of Clinical Research.[1]
Lewis P. Gundry, M.D., Associate Professor of Medicine.
O. G. Harne, Associate Professor of Anatomy, and Asst. to the Dean.
Hugh H. Hicks, D.D.S., Associate Professor of Periodontology, School of Dentistry.
Cyrus F. Horine, M.D., Associate Professor of Surgery.
Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics.
Edward S. Johnson, M.D., Associate Professor of Surgery.
Wedon Johnson, A.B., M.D., Associate Professor of Anesthesiology.[1]
D. Frank Kaltreider, A.B., M.D., Associate Professor of Obstetrics.[2]
Fayne A. Kayser, M.D., Associate Professor of Otolaryngology.
Vernon E. Krahl, B.S., M.S., Ph.D., Associate Professor of Anatomy.
Frederick T. Kyper, M.D., D.Sc., Associate Professor of Otolaryngology.
R. W. Locher, M.D., Associate Professor of Clinical Surgery.
William S. Love, Jr., A.B., M.D., Associate Professor of Medicine.
Charles W. Maxson, M.D., Associate Professor of Surgery.
Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.
Samuel Morrison, A.B., M.D., Associate Professor of Medicine, Associate Professor of Gastro-enterology.
James W. Nelson, M.D., Associate Professor of Surgery.
H. Whitman Newell, M.D., Associate Professor of Psychiatry.
C. W. Peake, M.D., Associate Professor of Surgery.
J. Morris Reese, M.D., Associate Professor of Obstetrics.
Dexter L. Reimann, B. S., M.D., Associate Professor of Pathology.
Benjamine S. Rich, A.B., M.D., Associate Professor of Otolaryngology.
Ida M. Robinson, A.B., B.S.L.S., Associate Professor of Library Science.
Milton S. Sacks, M.D., Associate Professor of Medicine and Head of Clinical Pathology, Associate in Pathology.
Frederick B. Smith, M.D., Associate Professor of Pediatrics.
William H. Smith, M.D., Associate Professor of Clinical Medicine.
Edward Steers, Ph.D., Associate Professor of Bacteriology.
Lewis C. Toomey, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.

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[5] Died Jan. 23, 1951.

J. McCullough Turner, Ph.D., Associate Professor of Physiology.[2]
Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
John A. Wagner, B.S., M.D., Associate Professor of Pathology.
W. Wallace Walker, M.D., Associate Professor of Surgery and Surgical Anatomy.
Grant E. Ward, A.B., M.D., Associate Professor of Surgery and Oral Surgery.[3]
C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
T. Conrad Wolff, M.D., Associate Professor of Medicine, and Head of the Division of Physical Diagnosis.
Theodore E. Woodward, M.D., Associate Professor of Medicine
Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
Donald J. Barnett, M.D., Assistant Professor of Roentgenology.
H. F. Bongardt, M.D., Assistant Professor of Surgery.
Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
Raymond M. Burgison, Ph.D., Assistant Professor of Pharmacology.[1a]
Beverley C. Compton, A.B., M.D., Assistant Professor of Gynecology.
Ernest I. Cornbrooks, Jr., A.B., M.D., Assistant Professor of Gynecology.
Edward F. Cotter, M.D., Assistant Professor of Medicine, Associate in Neurology.
J. G. N. Cushing, M.D., Assistant Professor of Psychiatry.
John DeCarlo, A.B., M.D., Assistant Professor of Roentgenology.
William K. Diehl, M.D., Assistant Professor of Gynecology.
Everett S. Diggs, B.S., M.D., Assistant Professor of Gynecology.
John S. Dumler, B.S., M.D., Assistant Professor of Gynecology.
William W. Elgin, M.D., Assistant Professor of Psychiatry.
Francis A. Ellis, A.B., M.D., Assistant Professor of Dermatology.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
Jerome Fineman, M.D., Assistant Professor of Pediatrics.
Wetherbee Fort, M.D., Assistant Professor of Medicine.
Frank J. Geraghty, A.B., M.D., Assistant Professor of Medicine.
Francis W. Gillis, M.D., Assistant Professor of Urology.
Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
Albert E. Goldstein, M.D., Assistant Professor of Pathology.
George Govatos, A.B., M.D., Assistant Professor of Surgery.
Robert G. Grenell, B.A., M.Sc., Ph.D., Assistant Professor Psychiatric Research.[2]
Edward J. Herbst, Ph.D., Assistant Professor of Biological Chemistry.
John F. Hogan, M.D., Assistant Professor of Urology.
F. Edwin Knowles, Jr., M.D., Assistant Professor of Ophthalmology and Chairman of the Department.
H. Vernon Langeluttig, M.D., Assistant Professor of Medicine.
C. Edward Leach, M.D., Assistant Professor of Medicine.
Philip L. Lerner, M.D., Assistant Professor of Neurology.
Ephriam T. Lisansky, M.D., Assistant Professor of Medicine and Associate in Psychiatry.[2]
Hans W. Loewald, M.D., Assistant Professor of Psychiatry.

[1a] Appointment effective Sept., 1, 1950.

John F. Lutz, A.B., M.D., Assistant Professor of Anatomy.
Henry J. L. Marriott, A.M., B.M., Assistant Professor of Medicine.
Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Urology and Pathology.
W. Raymond McKenzie, M.D., Assistant Professor of Otolaryngology.
Karl F. Meck, B.S., M.D., Assistant Professor of Anatomy.[2]
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
Hugh B. McNally, B.S., M.D., Assistant Professor of Obstetrics.
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.
M. Alexander Novey, A.B., M.D., Assistant Professor of Obstetrics.
Samuel T. R. Revell, Jr., M.D., Assistant Professor of Medicine.
I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
William F. Rienhoff, M.D., Assistant Professor of Surgery.
Robert A. Reiter, M.D., Assistant Professor of Medicine.[2]
Harry M. Robinson, Jr., B.S., M.D., Assistant Professor of Dermatology, Associate in Medicine.
Irving Rothchild, Ph.D., Assistant Professor of Physiology.
John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
Kathyrn L. Schultz, M.D., Assistant Professor of Psychiatry.
Theodore A. Schwartz, M.D., Assistant Professor of Otolaryngology.
William M. Seabold, M.D., Assistant Professor of Pediatrics.
William B. Settle, M.D., Assistant Professor of Surgical Anatomy and Associate in Surgery.
Isadore A. Siegel, A.B., M.D., Assistant Professor of Obstetrics.
Arthur G. Siwinski, A.B., M.D., Assistant Professor of Surgery.[2]
Andrew G. Smith, Ph.D., Assistant Professor of Bacteriology.
Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
Sol Smith, M.D., Assistant Professor of Medicine.
Isidore William Towlen, M.D., Assistant Professor of Anesthesiology.
Raymond E. Vanderlinde, A.B., Ph.D., Assistant Professor of Biological Chemistry.
Philip S. Wagner, M.D., Assistant Professor of Psychiatry.
Gibson J. Wells, M.D., Assistant Professor of Pediatrics.
Milton J. Wilder, M.D., Assistant Professor of Orthopedic Surgery.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine.
Marie A. Andersch, Ph.D., Associate in Medicine.
Leon Ashman, B.S., M.D., Associate in Medicine.[2]
J. Tyler Baker, B.S., M.D., Associate in Obstetrics.
Margaret B. Ballard, M.D., Associate in Obstetrics.
Charles P. Barnett, A.B., M.D., Associate in Pathology.
Edmund G. Beacham, M.D., Associate in Medicine.
Eugene S. Bereston, A.B., M.D., Associate in Dermatology.
Robert Z. Berry, A.B., M.D., Associate in Otolaryngology.[2]
Louis V. Blum, M.D., Associate in Medicine.[2]
Harry C. Bowie, B.S., M.D., Associate in Surgical Anatomy.
Kenneth B. Boyd, A.B., M.D., Associate in Gynecology.
Frank J. Brady, M.D., Associate in Anaesthesiology.
Henry A. Briele, M.D., Associate in Postgraduate Surgery.[1]
V. V. Brunst, Sc.D., Research Associate in Anatomy.

William R. Bundick, M.D., Associate in Dermatology.[2]
Harold H. Burns, M.D., Associate in Surgery.
M. Paul Byerly, M.D., Associate in Medicine.
Richard A. Carey, M.D., Associate in Medicine.
Osborne D. Christensen, M.D., Associate in Obstetrics.
Jonas Cohen, M.D., Associate in Medicine.[2]
Edward R. Dana, A.B., M.D., Associate in Roentgenology.
Kathryn Dice, Ed.D., Associate in Clinical Psychology.
Francis G. Dickey, M.D., Associate in Medicine.
D. McClelland Dixon, M.D., Associate in Obstetrics and Instructor in Pathology.
Stanley H. Durlacher, M.D., Associate in Legal Medicine.
J. J. Erwin, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Urology.
William L. Fearing, M.D., Associate in Neurology.[3]
Donald E. Fisher, M.D., Associate in Pathology.
William H. Fisher, M.D., Associate in Postgraduate Surgery.[1]
Irving Freeman, M.D., Associate in Medicine.
Henry C. Freimuth, Ph.D., Associate in Legal Medicine.
John S. Haines, M.D.,[2] Associate in Urology.
Alvin J. Hartz, A.B., M.D., Associate in Medicine.
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine.
John T. Hibbitts, M.D., Associate in Gynecology.
Henry W. D. Holljes, M.D., Associate in Medicine.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Benjamin H. Isaacs, A.B., M.D., Associate in Otolaryngology.
Meyer W. Jacobson, M.D., Associate in Medicine.
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
Hugh J. Jewett, M.D., Associate in Urology.
Arthur Karfgin, B.S., M.D., Associate in Medicine.
Walter Karfgin, M.D., Associate in Medicine.
James R. Karns, B.S., M.D., Associate in Medicine, and Physician in Charge of Medical Care of Medical Students.[2]
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Albert W. Kitts, M.D., Associate in Postgraduate Pediatrics.[1c]
Louis B. Kroll, A.B., M.D., Associate in Medicine.[2]
Elizabeth LaForge, M.S.S., Associate in Psychiatric Social Work.
Samuel Legum, M.D., Associate in Medicine.
H. Edmund Levin, M.D., Associate in Bacteriology.
Kurt Levy, M.D., Associate in Medicine.
William B. Long, M.D., Associate in Postgraduate Surgery.[1]
H. Patterson Mack, M.D., Associate in Anatomy.[2]
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.
William J. McClafferty, M.D., Associate in Legal Medicine.[1b]
George G. Merrill, M.D., Associate in Neurology.
Moritz Michaelis, Ph.D., Research Associate in Psychiatry.[1a]

Effective appointment dates: Associates
[1a] Nov. 1, 1950.
[1b] Jan. 25, 1951.
[1c] Jan. 5, 1951.

Lyle J. Millan, M.D., Associate in Urology.
Frank K. Morris, A.B., M.D., Associate in Gynecology.
J. Huff Morrison, B.S., M.D., Associate in Obstetrics.[2]
S. Edwin Muller, M.D., Associate in Medicine.
Patrick C. Phelan, Jr., A.B., M.D., Associate in Anatomy.[2]
Ross Z. Pierpont, M.D., Associate in Surgical Anatomy, and Assistant in Surgery.
Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.
R. C. V. Robinson, M.D., Associate in Dermatology.
Sidney Scherlis, M.D., Associate in Medicine.
William M. Seabold, A.B., M.D., Associate in Pediatrics.
Lawrence M. Serra, M.D., Associate in Medicine.
A. Albert Shapiro, B.S., M.D., Associate in Dermatology.
Benedict Skitarelic, A.B., M.D., Associate in Pathology.
Edward H. Stewart, Jr., M.D., Associate in Surgery.[2]
Harry A. Teitlebaum, B.S., M.D., Ph.D., Associate in Neurology.
Raymond K. Thompson, B.S., M.D., Associate in Neurosurgery, and Director of Neurological Research.[2]
Wilfred H. Townshend, Jr., A.B., M.D., Associate in Medicine.
Isadore Tuerk, M.D., Associate in Psychiatry.
William K. Waller, M.D., Associate in Medicine.
Arthur Ward, M.D., Associate in Otolaryngology.[2]
Daniel Wilfson, Jr., A.B., M.D., Associate in Medicine.[2]
Austin H. Wood, M.D., Associate in Urology.
Israel Zeligman, A.B., M.D., Associate in Dermatology.

LECTURERS

Harold E. Himwich, M.D., Lecturer in Physiology and Psychiatry.[1a]
Amedeo S. Marrazzi, M.D., Lecturer in Pharmacology.
Joseph M. Miller, M.D., Lecturer in Surgery.
William H. Summerson, Ph.D., Lecturer in Biological Chemistry.

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
Robert E. Bauer, A.B., M.D., Instructor in Medicine.
Harry McB. Beck, M.D., Instructor in Gynecology, and Assistant in Obstetrics.[1]
Joseph G. Bird, A.B., M.D., Instructor in Medicine.[2]
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
John T. Bracken, B.S., M.D., Instructor in Roentgenology.[1b]
Charles E. Brambel, A.M., Ph.D., Instructor in Medicine.
George H. Brouillet, B.S., M.D., Instructor in Surgery.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
J. E. Brumback Jr., B.S., M.D., Instructor in Ophthalmology.
William J. Bryson, A.B., M.D., Instructor in Pathology.
Lucile J. Caldwell, M.D., Instructor in Dermatology.
Enoch Calloway, Jr., A.B., M.D., Instructor in Psychiatry.
Joseph P. Cappuccio, D.D.S., Instructor in Oral Surgery, School of Dentistry.
John W. Chambers, M.D., Instructor in Neurosurgery, Assistant in Surgery.[2]

Effective appointment date: Lecturers.
[1a] Nov. 1, 1950.
Effective appointment date: Instructors.
[1b] Dec. 1, 1950.

Thomas A. Christensen, A.B., M.D., Instructor in Pediatrics.
Morris M. Cohen, M.D., Instructor in Dermatology.
Joseph M. Cordi, M.D., Instructor in Pediatrics.
Richard J. Cross, B.S., M.D., Instructor in Ophthalmology, and Otolaryngology.[6]
Raymond M. Cunningham, A.B., M.D., Instructor in Anatomy and Proctology, Assistant in Surgery.
George H. Davis, B.S., M.D., Instructor in Obstetrics.[2]
John R. Davis, M.D., Instructor in Medicine.
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
John B. DeHoff, M.D., Instructor in Medicine.
John M. Dennis, B.S., M.D., Instructor in Roentgenology.[1]
William A. Dodd, M.D., Instructor in Gynecology, and Assistant in Obstetrics.
Charles H. Doeller, Jr., A.B., M.D., Instructor in Gynecology, and Assistant in Obstetrics.
William C. Duffy, A.B., M.D., Instructor in Gynecology.
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
Maurice Feldman, Jr., A.B., M.D., Instructor in Medicine.[2]
Maurice Fine, M.D., Instructor in Medicine.[2]
Philip D. Flynn, M.D., Instructor in Medicine.
Samuel L. Fox, Ph.G., B.S., M.D., Instructor in Physiology, and Associate in Otolaryngology.
Paul N. Friedman, A.B., M.D., Instructor in Ophthalmology.
Audry M. Funk, A.B., Instructor in Medicine.
Joseph E. Furnari, M.D., Instructor in Medicine.[2]
Perry O. Futterman, A.B., M.D., Instructor in Medicine.
L. Calvin Gareis, B.S., M.D., Instructor in Pathology, and Obstetrics, Assistant in Gynecology.
Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.
H. L. Granoff, A.B., M.D., Instructor in Gynecology.
Isaac Gutman, Instructor in Orthopaedic Surgery.
Samuel J. Hankin, M.D. Instructor in Medicine.
Charles W. Hawkins, M.D., Instructor in Anatomy.[6]
Mary L. Hayleck, M.D., Instructor in Pediatrics.
Robert F. Healy, M.D., Instructor in Surgery.
Donald B. Hebb, M.D., Instructor in Proctology and Assistant in Surgery.
William G. Helfrich, B.S., M.D., Instructor in Medicine.
L. Ann Hellen, B.S., Instructor in Medicine.
Mark B. Hollander, A.B., M.D., Instructor in Dermatology and Syphilology.
Calvin Hyman, M.D., Instructor in Surgery.
Conrad L. Inman, D.D.S., Instructor in Anesthesiology, School of Dentistry.
Marshall I. Kader, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
Harry F. Kane, M.D., Instructor in Gynecology.
Theodore Kardash, B.S., M.D., Instructor in Gynecology and Pathology.
Clyde F. Karns, B.S., M.D., Instructor in Surgery.
Irvin B. Kemick, B.S., Ph.G., M.D., Instructor in Medicine.[2]
Leon A. Kochman, M.D., Instructor in Medicine.
Schuyler G. Kohl, B.S., M.D., Instructor in Obstetrics.
Edward L. J. Kreig, M.D., Instructor in Pathology.[1]
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
Arnold F. Lavenstein, Instructor in Pediatrics.
Algert P. Lazauskas, D.D.S., Instructor in Oral Surgery, School of Dentistry.

V. Harwood Link, M.D., Instructor in Dermatology.
F. Ford Loker, B.S., M.D., Instructor in Surgery.
Helen I. Maginnis, M.D., Instructor in Gynecology.
Louis O. J. Manganiello, A.B., M.D., Instructor in Anatomy,[1] Research Fellow, Neurosurgery.[3]
Charles B. Marek, M.D., Instructor in Gynecology.
Marion W. Mathews, A.B., M.S., M.D., Instructor in Psychiatry.
Robert E. McCafferty, B.S., M.S., M.D., Instructor in Anatomy.[1a]
Francis J. McLaughlin, M.D., Instructor in Psychiatry.
D. J. McHenry, B.S., M.D., Instructor in Ophthalmology.[6]
José Medina, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
James P. Miller, M.D., Instructor in Orthopaedic Surgery.[1c]
J. Duer Moores, B.S., M.D., Instructor in Surgery.
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
James J. Nolan, B.S., M.D., Instructor in Medicine.[2]
Samuel Novey, M.D., Instructor in Psychiatry.
Frank J. Otenasek, M.D., Instructor in Neuro-Surgery.[2]
Robert T. Parker, A.B., M.D., Instructor in Medicine.[1]
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.
J. Emmett Queen, M.D., Instructor in Medicine.
Martin A. Robbins, M.D., Instructor in Urology.[1]
Daniel R. Robinson, M.D., Instructor in Surgery.
Seymour W. Rubin, M.D., Instructor in Pathology.
William J. Rysanek, Jr., M.D., Instructor in Gynecology.
Clarence P. Scarborough, M.D., Instructor in Surgery.
John F. Schaefer, B.S., M.D., Instructor in Surgery.
J. King B. E. Seegar, Jr., A.B., M.D., Instructor in Obstetrics.
Charles E. Shaw, M.D., Instructor in Medicine.[2]
Joseph C. Sheehan, B.S., M.D., Instructor in Gynecology [6]
Robert C. Sheppard, M.D., Instructor in Surgery.
Jerome Sherman, M.D., Instructor in Medicine.[2]
Elizabeth D. Sherrill, M.D., Instructor in Medicine.[2]
E. Roderick Shipley, A.B., M.D., Instructor in Surgery.
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
George W. Smith, B.S., M.D., Instructor in Anatomy, Assistant in Neuro-Surgery.[1]
Ruby A. Smith, B.S., M.D., Instructor in Ophthalmology.
Merrill J. Snyder, B.S., Instructor in Bacteriology.
Melchijah Spragins, B.S., M.D., Instructor in Pediatrics.
Stuart D. Sunday, M.D., Instructor in Medicine.[2]
William T. Supik, M.D., Instructor in Proctology.
Robert B. Tunney, A.B., M.D., Instructor in Gynecology.
Roy B. Turner, B.S., M.D., Instructor in Pathology,[1] and Neuro-Anatomy.[1d]
William D. VandeGrift, M.D., Instructor in Pathology.

Effective appointment dates: Instructors.
[1a] Appointment Effective Aug. 1, 1951.
[3] Resigned April 30, 1951.
[1c] Oct. 5, 1950.
[1d] Feb. 1, to June 1, 1951.

Edmond G. Vanden Bosche, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Stephen J. Van Lill, III, A.B., M.D., Instructor in Medicine.[2]
Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.
Gladys E. Wadsworth, B.S., M.A., Instructor in Anatomy.[1d]
Charles Herman Williams, M.D., Instructor in Medicine.[1]
Frederick S. Wolf, M.D., Instructor in Neurology.[1e]
John D. Young, Jr., M.D., Instructor in Urology.[1]

ASSISTANTS

Robert C. Abrams, M.D., Assistant in Orthopaedic Surgery.[1c]
Fred B. Agee, M.D., Assistant in Medicine.[1]
José A. Alvarez, M.D., Assistant in Neurological Surgery.
A. Maynard Bacon, Jr., B.S., M.D., Assistant in Pediatrics.[6]
Ruth W. Baldwin, M.D., Assistant in Pediatrics and Director of the Pediatrics Seizure clinic.[1]
Thomas G. Barnes, M.D., Assistant in Surgery.[1]
Harry McB. Beck, A.B., M.D., Assistant in Obstetrics.
Walter J. Benavent, B.S., M.D., Assistant in Plastic Surgery.
Harold P. Biehl, M.D., Assistant in Surgery.[1]
Jane L. Bleakley, Assistant in Art as Applied to Medicine.
Jenifred S. Boehm, A.B., Assistant in Art as Applied to Medicine.
Melvin M. Borden, M.D., Assistant in Pediatrics.[1]
Frances C. Brown, A.B., Assistant in Physiology.
A. V. Buchness, A.B., M.D., Assistant in Surgery.
Bernard Burgin, A.B., M.D., Assistant in Medicine.[1]
Lester H. Caplan, M.D., Assistant in Pediatrics.
L. T. Chance, M.D., Assistant in Surgery.
James N. Cianos, M.D., Assistant in Surgery.
Raymond J. Clayton, Jr., Assistant in Art as Applied to Medicine.
Harry Cohen, B.S., M.D., Assistant in Obstetrics and Pathology.[1]
Sarah Cook, A.B., M.D., Assistant Director Post Graduate Medicine, and Assistant in Pediatrics.
Donald D. Cooper, M.D., Assistant in Pediatrics.[3]
R. Adams Cowley, M.D., Assistant in Thoracic Surgery and Assistant Director Surgical Research.[1]
Samuel H. Culver, M.D., Assistant in Surgery.
Martha Curtis, B.S., R.N., Assistant and Assistant Director, Medical Care Clinic.[1e]
E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.
Patricia Dawson, Assistant in Art as Applied to Medicine.[3]
Michael L. DeVincentis, B.S., M.D., Assistant in Surgery.
William A. Dodd, B.S., M.D., Assistant in Obstetrics.[1]
William C. Dunnigan, A.B., M.D., Assistant in Surgery.

Effective appointment dates: Instructors.
[1d] Oct. 1, 1950—June 30, 1951
[1e] Sept. 15, 1950.
Effective appointment dates; Assistants.
[1c] Oct. 1, 1950.
[1e] Jan. 1, 1951.

Shirley K. Fitzgerald, Assistant in Art as Applied to Medicine.[1a]
William N. Fitzpatrick, B.S., M.D., Assistant in Psychiatry.
Marjorie R. Fleitzer, M.S.S., Assistant in Psychiatric Social Work.[1c]
Joseph B. Ganey, M.D., Assistant in Surgery.[1]
Richard M. Garrett, M.D., Assistant in Surgery and Surgical Anatomy.[1]
William R. Geraghty, B.S., M.D., Assistant in Surgery.
Marvin Goldstein, A.B., M.D., Assistant in Medicine.[1]
Caridad E. Gonzalez, M.D., Assistant in Pediatrics.[3]
Howard Goodman, M.D., Assistant in Pediatrics.[1]
Donald B. Hebb, A.B., M.D., Assistant in Thoracic Surgery.[1]
John H. Hirschfeld, M.D., Assistant in Otolaryngology.
Hermione Hunt Hawkins, M.A., Assistant in Clinical Psychology.[1d]
Sylvia Himmelfarb, A.B., Assistant in Physiology.
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
Rollin C. Hudson, M.D., Assistant in Medicine.
Henry K. Jarrett, M.D., Assistant in Urology.[1]
Everett D. Jones, M.D., Assistant in Orthopaedic Surgery.
Arthur Kandel, M.S., Assistant in Clinical Psychology.[1e]
Vernon C. Kelley, A.B., M.D., Assistant in Obstetrics.[1b]
Lauriston L. Keown, M.D., Assistant in Medicine.
Irvin P. Klemkowski, B.S., M.D., Assistant in Obstetrics.
Raymond M. Lauer, M.D., Assistant in Medicine.[1]
Alfred S. Lederman, Assistant in Gastro-Enterology.
Lee R. Lerman, M.D., Assistant in Dermatology.[1]
Frank E. Leslie, A.B., M.D., Assistant in Medicine.
Berton V. Lock, M.D., Assistant in Medicine.[1]
William D. Lynn, A.B., M.D., Assistant in Surgery and Assistant Director Surgical Research.[3]
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
Clarence W. Martin, M.D., Assistant in Obstetrics.
Howard B. McElwain, M.D., Assistant in Surgery.
Donald W. Mintzer, M.D., Assistant in Medicine.[1]
Carl A. Myers, A.B., M.D., Assistant in Medicine.[1]
Joseph C. Myers, M.D., Assistant in Medicine.[1]
Pomeroy Nichols, Jr., M.D., Assistant in Neurological Surgery.
John C. Osborne, M.D., Assistant in Medicine.
John C. Ozazewski, M.D., Assistant in Ophthalmology.[1]
Ross Z. Pierpont, M.D., Assistant in Surgery.
Susan R. Pincoffs, R.N., Assistant in Medicine.
Hazel Y. Pruitt, Assistant in Bacteriology.[3]
Jeanne Ann Quinlin, A.B., Assistant in Physiology.[1h]
James H. Ramsey, M.D., Assistant in Pathology.[1]

Effective appointment dates; Assistants.
[1a] Feb. 26, 1951.
[1b] Feb. 1, 1951.
[1c] Oct. 1, 1950.
[1d] Nov. 1, 1950.
[1e] Jan. 1, 1951.
[1h] Sept. 16, 1951.

James Russo, M.D., Assistant in Anaesthesiology.
O. Walter Spurrier, M.D., Assistant in Pediatrics.
Vesta May Stevens, M.S.S., Assistant in Psychiatric Social Work.[1f]
Thomas McClelland Stevenson, Assistant in Art as Applied to Medicine.
T. J. Touhey, M.D., Assistant in Surgery.
William Earl Weeks, M.D., Assistant in Pediatrics.
Jack Wexler, A.B., M.D., Assistant in Medicine.
J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
Marcella Wiseman, M.S.S., Assistant in Psychiatric Social Work.
Geraldine F. Wolfe, B.S., M.S., Assistant in Anatomy.[1g]
Thomas Worsley, M.D., Assistant in Medicine.
Howard L. Zupnik, M.D., Assistant in Surgery.

FELLOWS

Charles P. Barnett, A.B., M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.[1]
Frederick K. Bell, Ph.D., Fellow in Pharmacology.
George W. Bradford, M.D., Baltimore Rh Laboratory, Fellow in Medicine.
Leonard S. Brahen, B.S., M.S., Eli Lilly Fellow in Pharmacology[1i]
James S. Browne, M.D., Fellow in Neurosurgery.
Robert S. Cato, A.B., M.D., Fellow in Roentgenology.[6]
Robert M. N. Crosby, M.D., Fellow in Neuro. Surgery.[6]
Ruth Page Edwards, A. B., A. M. Ph.D., Fellow in Psychology.[1i]
Richard F. C. Egan, M.S., John F. B. Weaver Fellow in Physiology.[1]
Frank A. Faraino, B.S., M.D., Fellow in Thoracic Surgery.
Mary S. Fassel, A.B., Fellow in Pharmacology.
Martin K. Gorten, M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.[1]
John B. Harmon, B.S., Emerson Fellow in Pharmacology.
Dorothy H. Hubbard, A.B., M.S., Research Corporation Fellow in Biological Chemistry.[1]
Dewitt T. Hunter, John F. B. Weaver Fellow in Anatomy.
Marvin Jaffee, M.D., Fellow in Psychiatry.[1b]
Theodore Kardash, B.S., M.D., Research Fellow in Gynecological Pathology.[1c]
Frederick Go-Kiatsu, B.S., M.D., Fellow in Pediatrics.
Gerald Kessler, B.S., Nutrition Foundation Fellow in Biological Chemistry.[1]
Robert G. Leonard, B.S., M.S., Bressler Reserved Fund Fellow in Biological Chemistry.[1i]
Johnson S. L. Ling, A.B., M.S., Eli Lilly Fellow in Pharmacology.[1i]
William E. Loechel, U. S. Public Health Fellow in Medical Art.[1d]
Go Lu, M.D., Fellow in Pharmacology.[1k]
Louis O. J. Manganiello, A.B., M.D., Fellow in Neurosurgery.[3]
Arlie R. Mansberger, Jr., M.D., Research Fellow in Surgery.
Eugene R. McNinch, M.D., Fellow in Roentgenology.[1e]

Effective appointment date: Assistants.
[1f] Sept. 15, 1950.
[1g] Feb. 1, 1951.
Effective appointment dates; Fellows.
[1b] Sept. 15, 1950.
[1c] May 1, to Aug. 31, 1951.
[1d] Oct. 1, 1950 to Sept. 30, 1951.
[1e] Nov. 1, 1951.
[1i] Sept. 1, 1951.
[1k] Sept. 1, 1951 to Aug. 31, 1952.

A. Gibson Packard, A.B., John F, B. Weaver Fellow in Anatomy.[1a]
Sim Penton, M.D., Fellow in Thoracic Surgery.[1f]
Gerardo B. Polanco, M.D., National Cancer Institute Traieee in Pathology.[1]
J. Pomeroy Nichols, M.D., Fellow in Neurological Surgery.
James H. Shell, B.S., M.D., Hitchcock Fellow in Gynecology.[1]
George W. Smith, M.D., Hitchcock Fellow in Neurosurgery.[1]
Thomas A. Stebbins, A.B., Medical Illustrator in Gynecology.
Virginia Suttonfield, M.D., Fellow in Psychiatry.[1b]
Edward B. Truitt, B.S., Fellow American Foundation for Pharmaceutical Education.[1]
Roy B. Turner, M.D., Fellow in Neurosurgery.[1n]
Robert T. Walker, M.D., Fellow in Medicine.
Annemarie Weber, U.S.P.H., Fellow in Physiology.[1h]
John I. White, Ph.D., U.S.P.H., Fellow in Physiology.[1b]
Joseph B. Workman, A. B., M.D., Research Fellow in Medicine.[1]

CONSULTANTS

Robert W. Swain, B.S., Consultant in Radiologic Physics.[1a]

RESEARCH ASSISTANTS

Maryanne E. Berger, Research Assistant in Anatomy.[1]
Richard E. Brown, B.S., Research Assistant in Bacteriology.[1]
Catherine S. Brunst, A.B., Research Assistant in Anatomy.
Betty J. Fax, Ph.D., Research Assistant in Psychiatry.[1b]
Eleanor G. B. Glinos, A.B., Research Assistant in Biological Chemistry.[1d]
William McKendre Headley, B.S. Research Assistant in Neurosurgery.[1i]
Carolyn F. Hendrickson, B.S., Research Assistant in Physiology.[1d]
Earnest C. Herrmann, Jr., B.S. Research Assistant in Bacteriology.[1a]
Robert C. Holcombe, A.B., Research Assistant in Pharmacology.[1l]
Bernard Kramer, A.B., Research Assistant in Bacteriology.[1]
Anne McNicholas Laster, A.B., Research Assistant in Pediatrics.[1c]
Joseph R. Merkel, B.S., Research Assistant in Bacteriology[1]
Carolyn Mae Miller, A.B., Research Assistant in Psychiatry.[1]
Irwin H. Moss, A.B., Research Assistant in Medicine.[1g]
Jean D. Nimmo, A.B., Research Assistant in Biological Chemistry.
John Walker Powell, Ph.D., Research Assistant in Psychiatry.[1]
Jeannette F. Rayner, Research Assistant in Psychiatry.
Elizabeth R. Steele, A.B., Research Assistant in Anatomy.[1f]
Carolyn M. Stout, M.S., Research Assistant in Physiology.[1j]

Effective appointment dates; Fellows.
[1f] Oct. 1, 1950.
[1h] April 16, 1951.
Effective appointment dates: Consultants.
[1a] Oct. 1, 1951.
Effective appointment dates: Research Assistants.
[1a] Feb. 1, 1951.
[1b] Jan. 1, 1951.
[1c] June 7, 1951 to Apr. 30, 1952.
[1d] April 1, 1951.
[1f] Jan. 15, 1951.
[1g] June 1, to July 31; Sept. 1 ,to Sept. 15, 1951.
[1i] Aug. 31, 1951.
[1j] June 1, to July 31, 1951.
[1l] July 16, 1951.

Barbara Elizabeth Todd, A.B., Research Assistant in Psychiatry.[1l]
Albert L. Tucker, A.B., Research Assistant in Pediatrics.[1h]
Margaret Lucille Ward, A.B., M.SS., Research Assistant in Pediatrics.[1n]
Amy Lee Wells, R.N., Research Assistant in Gynecological Pathology.[1m]
David Willenson, M.S., Research Assistant in Psychology.[1e]
Richard A. Young, M.D., Research Assistant in Pediatrics.[1k]

EXTRAMURAL ASSISTANT RESIDENTS IN MEDICINE

John F. Benson, M.D., Assistant Resident in Medicine.
Robert H. Hahn, M.D., Rotating Assistant Resident in Medicine.
Howard E. Hall, M.D., Assistant Resident in Medicine.
John A. Hightower, M.D., Rotating Assistant Resident in Medicine.
William Roemmich, M.D., Assistant Resident in Medicine.
Sidney J. Venable, M.D., Assistant Resident in Medicine.

UNIVERSITY HOSPITAL

George H. Buck, *Director*
James L. Dack, *Asst. Director*
Kurt H. Nork, *Asst. Director*

EXECUTIVE COMMITTEE OF THE STAFF

Edward F. Cotter, *Chairman*
Francis G. Dickey, *Secretary-Treasurer*

J. Edmund Bradley
Louis H. Douglass
Charles Reid Edwards
Jacob E. Finesinger
J. Mason Hundley, Jr.
Walter L. Kilby
F. Edwin Knowles, Jr.
Alfred T. Nelson
Maurice C. Pincoffs
Milton S. Sacks
George H. Yeager

Elected Members	*Term Expires*
A. H. Finkelstein	1951
Ephraim T. Lisansky	1951
James G. Arnold, Jr.	1952
Ernest I. Cornbrooks, Jr.	1952
Everett G. Diggs	1953
William G. Helfrich	1953

George H. Buck, *Director, University Hospital*
H. Boyd Wylie, *Dean, School of Medicine*
} *Ex officio members*

Effective appointment dates: Research Assistants.
[1e] Sept. 1, 1950.
[1h] June 15, to Aug. 31, 1951.
[1k] Aug. 1, to Dec. 1, 1951.
[1l] July 16, 1951.
[1m] May 1 to Aug. 31, 1951.
[1n] Sept. 1, 1951.

UNIVERSITY HOSPITAL STAFF

Physician-in-Chief	MAURICE C. PINCOFFS
Physicians	THOMAS P. SPRUNT T. NELSON CAREY LOUIS A. M. KRAUSE WILLIAM S. LOVE, JR. HOWARD M. BUBERT MILTON S. SACKS LEWIS P. GUNDRY SAMUEL MORRISON THEDORE E. WOODWARD FRANK J. GERAGHTY EDWARD F. COTTER C. EDWARD LEACH EPHRAIM T. LISANSKY SAMUEL T. R. REVELL, JR.
Neurologists	IRVING J. SPEAR LEON FREEDOM WILLIAM FEARING EDWARD F. COTTER GEORGE MERRILL
Dermatologist-in-Chief	HARRY M. ROBINSON, SR.
Dermatologists	FRANCIS A. ELLIS HARRY M. ROBINSON, JR. A. ALBERT SHAPIRO ISRAEL ZELIGMAN EUGENE S. BERESTON
Psychiatrist-in-Chief	JACOB E. FINESINGER
Psychiatrists	H. WHITMAN NEWELL KATHRYN L. SCHULTZ EPHRIAM T. LISANSKY
Pediatrician-in-Chief	J. EDMUND BRADLEY
Pediatricians	C. LORING JOSLIN GORDON E. GIBBS A. H. FINKELSTEIN WILLIAM M. SEABOLD
Pathologist-in-Chief	HUGH R. SPENCER
Pathologists	DEXTER L. REIMANN JOHN A. WAGNER
Surgeon-in-Chief	CHARLES REID EDWARDS
Surgeons	GEORGE H. YEAGER OTTO C. BRANTIGAN CHARLES A. REIFSCHNEIDER HARRY C. HULL
Neurological Surgeon-in-Chief	CHARLES BAGLEY, JR.
Neurological Surgeons	RICHARD G. COBLENTZ JAMES G. ARNOLD, JR.

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

Laryngologist-in-Chief	Edward A. Looper
Laryngologists	Thomas R. O'Rourk Frederick T. Kyper
Proctolologist-in-Chief	Monte Edwards
Proctologist	Thurston R. Adams
Orthopedic Surgeon-in-Chief	Allen F. Voshell
Orthopedic Surgeons	Moses Gellman Henry F. Ullrich Milton J. Wilder James P. Miller
Urologist-in-Chief	W. Houston Toulson
Urologists	Lyle J. Millan Howard B. Mays John D. Young
Dental Surgeon-in-Chief	Brice M. Dorsey
Dentists	Myron S. Aisenberg Joseph C. Biddix Harold Golton Joseph P. Cappuccio Edward C. Dobbs Grayson W. Gaver Hugh T. Hicks Conrad L. Inman Ernest B. Nuttall Kenneth V. Randolph Wilbur O. Ramsey Lewis C. Toomey
Roentgenologist-in-Chief	Walter L. Kilby
Roentgenologists	Charles N. Davidson Donald J. Barnett John M. Dennis
Bronchoscopist-in-Chief	Edward A. Looper
Bronchoscopists	Thomas R. O'Rourk Frederick T. Kyper John H. Hirschfeld Richard J. Cross[6] Ross C. Brooks John M. Rehberger Thomas D. Michael
Otologist-in-Chief	Thomas R. O'Rourk
Anesthesiologist-in-Chief	Alfred T. Nelson
Anesthesiologist	Frank J. Brady
Obstetricians-in-Chief	Louis H. Douglass D. Frank Kaltreider
Obstetricians	J. Morris Reese Isadore A. Siegel John E. Savage Hugh B. McNally
Ophthalmologist-in-Chief	F. Edwin Knowles, Jr.
Ophthalmologist	Paul N. Friedman

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

Assistant Ophthalmologists	John C. Ozazewski J. E. Brumback Ruby A. Smith
Gynecologist-in-Chief	J. Mason Hundley, Jr.
Gynecologists	Leo Brady Beverley C. Compton William K. Diehl Everett S. Diggs Ernest I. Cornbrooks, Jr. John C. Dumler
Oncologist-in-Chief	J. Mason Hundley, Jr.

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1951 to June 30, 1952

José A. Alvarez, B.S., M.D., *Co-Resident in Neurosurgery, Baltimore City Hospital, July 1, 1951 to January 31, 1952; Resident in Neurological Surgery University Hospital, Feb. 1, 1952 to June 30, 1952.*
Charles Bagley, III, B.S., M.D., *Assistant Resident in Surgery*
Claude F. Bailey, A.B., M.D., *Assistant Resident in Gynecology*
Thomas G. Barnes, A.B., M.D., *Co-Resident in Surgery*
James M. Bisanar, M.D., *Assistant Resident in Pediatrics*
Francis J. Borges, B.S., M.D., *Assistant Resident in Medicine*
Joseph B. Bronushas, B.S., M.D., *Assistant Resident in Medicine*
James S. Browne, M.D., *Assistant Resident in Neurosurgery*
Donald B. Campbell, M.D., *Assistant Resident in Obstetrics*
Garrett E. Deane, M.D., *Resident in Pediatrics*
Victor H. Esch, M.D., *Assistant Resident in Surgery*
John E. Evans, B.S., M.D., *Assistant Resident in Surgery*
Joseph E. Furman, B.S., M.D., *Assistant Resident in Pediatrics*
Joseph B. Ganey, A.B., M.D., *Co-Resident in Surgery*
Richard A. Gilbert, M.D., *Resident in Gynecology*
Martin K. Gorten, A.B., M.D., *Assistant Resident in Pediatrics*
Angelina Guido, A.B., M.D., *Resident in Ophthalmology*
John R. Hankins, B.A., M.D., *Assistant Resident in Surgery*
Robert M. Hidey, Jr., M.D. *Assistant Resident in Pediatrics*
John A. Hightower, M.D., *Resident in Medicine*
Erwin R. Jennings, A.B., M.D., *Assistant Resident in Surgery*
Douglas O. Kern, M.D., *Assistant Resident in Gynecology*
August Kiel, Jr., M.D., *Assistant Resident in Neurosurgery*
Eugene R. McNinch, M.D., *Fellow in Roentgenology*
James R. McNinch, Jr., A.B., M.D., *Assistant Resident in Surgery*
Arlie R. Mansberger, Jr., M.D., *Assistant Resident in Surgery*
Mary E. Matthews, B.S., M.S., M.D., *Assistant Resident in Pediatrics*
Thomas D. Michael, M.D., *Assistant Resident in Otolaryngology*
John W. Newman, M.D., *Assistant Resident in Obstetrics*
S. Malone Parham, A.B., M.D., *Resident in Obstetrics*
Sim Penton, M.D., *Resident in Thoracic Surgery*
Carol G. Pryor, A.B., M.D., *Assistant Resident in Gynecology*
Benson C. Schwartz, M.D., *Assistant Resident in Obstetrics, assigned to Gynecology.*

George W. Smith, B.S., M.D., *Co-Resident in Neurosurgery, University Hospital, July 1, 1951 to January 31, 1952; Resident in Neurological Surgery Mercy Hospital, Feb. 1, 1952 to June 30, 1952.*

Edward P. Smith, Jr., B.S., M.D., *Assistant Resident in Surgery*

José G. Valderas, M.D., *Assistant Resident in Gynecology, assigned to Obstetrics*

Leslie A. Walker, Jr., M.D., *Assistant Resident in Gynecology*

John P. White, III, M.D., *Assistant Resident in Surgery*

Richard A. Young, A.B., M.D., *Assistant Resident in Pediatrics*

Henry F. Zangara, B.S., M.D., *Resident in Roentgenology*[1]

ROTATING INTERNS

John W. Bossard, B.A., M.D.
George M. Dunn, Jr., M.D.
Joseph C. Fitzgerald, B.A., M.D.
Henry E. Langenfelder, B.A., M.D.
John S. Metcalf, Jr., M.D.
Robert A. Moore, Jr., A.B., M.D.
Robert S. Mosser, B.S., M.D.
Henry D. Perry, Jr., A.B., M.D.
Henry G. Reeves, Jr., B.S., M.D.
Eugene B. Rex, M.D.
Aubrey D. Richardson, B.S., M.D.
Roger D. Scott, M.D.
R. Kennedy Skipton, B.S., M.D.
Charles P. Watson, Jr., A.B., M.D.

EXTERN

Arthur Schmale, M.D....................Department of Medicine

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT STAFF

Kurt H. Nork *Director*

Chief of Medical Clinic	Maurice C. Pincoffs
Assistant Chief, Medical Clinic	Joseph C. Furnari
Consultants	T. Nelson Carey L. A. M. Krause
Physicians	William K. Waller Walter Karfgin Louis V. Blum Kurt Levy Alvin Hartz Joseph E. Muse, Jr. James R. Karns Morris Fine Jonas Cohen John B. DeHoff Robert E. Bauer Charles H. Williams Stephen Van Lill, III Charles E. Shaw Joseph G. Bird Marvin Goldstein Donald Mintzer Fred Agee Marvin Davis Herbert Levicus Lauriston Keown

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[1] Until October 31, 1951. Fellow beginning November 1, 1951.

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*cont'd.*

Chief of Gastro-Enterology Clinic	Francis G. Dickey
Assistant Gastro-Enterologist	Z. Vance Hooper Albert J. Shochat
Chief of Neurology Clinic	Leon Freedom
Assistant Neurologists	William L. Fearing Harry A. Teitelbaum
Chief of Chest Clinic	Meyer W. Jacobson
Assistant, Diseases of the Lungs	Manuel Levin
Chief of Diabetic Clinic	Samuel T. R. Revell, Jr.
Assistants	Charles E. Shaw Joseph G. Bird Perry O. Futterman
Chief of Cardiovascular Clinic	C. Edward Leach
Assistant Cardiologists	Wilfred H. Townshend Rollin C. Hudson Sidney Scherlis Stephen J. Van Lill, III Fred B. Agee, Jr. James J. Nolan
Chief of Allergy Clinic	Howard M. Bubert
Assistant Chiefs of Allergy Clinic	Irvin B. Kemick Jerome Sherman
Assistant Allergists	Edward S. Kallins Raymond M. Lauer
Allergy Clinic Technician	Anna Sutch
Chief of Endocrinology Clinic	Conrad B. Acton
Director of Dermatology and Syphilis Clinic	Harry M. Robinson, Sr.
Chief of Dermatology and Syphilis Clinic	Harry M. Robinson, Jr.
Dermatologists and Syphilologists	Francis A. Ellis Israel Zeligman A. Albert Shapiro R. C. V. Robinson Eugene S. Bereston William R. Bundick
Assistant Dermatologists and Syphilologists	Benjamin Highstein Lucile Caldwell V. Harwood Link Morris M. Cohen Mark B. Hollander Lee R. Lerman
Director of Psychiatric Clinic	H. Whitman Newell

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Assistant Psychiatrists	Kathryn L. Schultz Hans W. Loewald Ephriam Lisansky Isadore Tuerk Rudolph Marburg Sam Novey G. S. Ingalls Leon Ferber Gertrude Gross Enoch Gallaway, III William N. Fitzpatrick Marion Mathews Marvin Jaffe Virginia Suttonfield
Chief Roentgenologist	Walter L. Kilby
Roentgenologists	John M. Dennis Charles N. Davidson Donald J. Barnett
Director, Pediatric Clinic	A. H. Finkelstein
Chief of Pediatric Clinic	Samuel S. Glick
Assistant Pediatricians	Louis V. Blum Arnold F. Lavenstein Thomas E. Weeks J. Carlton Wich Howard Goodman Melvin N. Borden Lester Caplan Ruth B. Baldwin Edward Fields Latimer Young C. R. Gonzales
Director, Pediatric Cardiac Clinic	Sidney Scherlis
Assistant Director, Pediatric Cardiac Clinic	Gibson J. Wells
Assistant Pediatrician, Cardiac Clinic	Mary Hayleck
Director, Pediatric Seizure Clinic	Ruth B. Baldwin
Chief of Surgical Clinic	Robert C. Sheppard
Assistant Surgeons	Samuel E. Proctor William B. Settle Karl F. Mech James N. Cianos Richard M. Garrett William D. Lynn David R. Will
Chief of Plastic Surgery	Edward A. Kitlowski

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Chief of Orthopedic Surgery Clinic	Allen Fiske Voshell
Assistant Orthopedic Surgeons	Moses Gellman Henry F. Ullrich Milton J. Wilder James P. Miller Robert C. Abrams Everett D. Jones John J. Tansey John L. Wooton
Chief of Urology Clinic	W. Houston Toulson
Assistant Urologists	John F. Hogan Lyle J. Millan Morris A. Fine Howard B. Mays John D. Young Martin A. Robbins
Chief of Otolaryngology Clinic	Benjamin S. Rich
Otolaryngologists	Samuel L. Fox Albert Steiner Richard J. Cross[6] John M. Rehberger Thomas D. Michael
Chief of Proctology Clinic	Monte Edwards
Assistant Proctologists	Thurston R. Adams Donald B. Hebb William J. Supik Raymond Cunningham
Chief of Gynecology Clinic	J. Mason Hundley, Jr.
Assistant Chief of Gynecology Clinic	Beverley C. Compton
Assistant Gynecologists	William K. Diehl Everett S. Diggs Ernest I. Cornbrooks, Jr. W. Allen Deckert Helen I. Maginnis Charles B. Marek Theodore Kardash John C. Dumler
Female Cystoscopists	J. Mason Hundley, Jr. Beverley C. Compton William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs
Chief of Dental Clinic	Brice M. Dorsey
Assistant Chief of Dental Clinic	Lewis C. Toomey

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Assistant Dentists	Jose Medina Marshall I. Kader Algert P. Lazauskas Edmond G. Vanden Bosche
Chief of Obstetrical Clinic	J. Huff Morrison
Assistant Chief of Obstetrical Clinic	Margaret B. Ballard
Assistant Obstetricians	J. K. B. E. Seegar Charles H. Doeller, Jr. George H. Davis Theodore Kardash Harry McB. Beck William A. Dodd Irvin P. Klemkowski Clarence W. Martin Vernon C. Kelly Harry Cohen
Chief of Oncology Clinic, Gynecological Division	J. Mason Hundley, Jr.
Assistants in Gynecological Division	Beverley C. Compton William K. Diehl Ernest I. Cornbrooks, Jr. Everett S. Diggs John C. Dumler
Assistants in Surgical Division	Arthur G. Siwinski E. Eugene Covington J. Duer Moores Edwin H. Stewart, Jr. Louis E. Goodman
Chief of Vascular Clinic	George H. Yeager
Assistant Chief of Vascular Clinic	Raymond Cunningham
Medical Consultant—Vascular Clinic	Lewis P. Gundry
Chief of Ophthalmology Clinic	F. Edwin Knowles, Jr.
Assistant Ophthalmologists	Paul N. Friedman Ruby A. Smith D. J. McHenry[6] J. E. Brumback, Jr. Richard J. Cross[6] John C. Ozazewski
Professor of Speech	Ray Ehrensberger, Ph.D.
Associate Professor of Speech, University of Maryland at College Park	Merle Ansberry, Ph.D.

OUT-PATIENT REPORT

JANUARY 1, 1950 TO JANUARY 1, 1951

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	190	4,973	5,163
Arthritis	55	247	302
Cardiology	195	1,150	1,345

Departments	*New Case*	*Old Cases*	*Total*
Cystoscopy (Gynecological)	94	546	640
Cystoscopy (Genito-Urinary)	77	50	127
Dermatology	5,401	8,744	14,145
Department "S"	374	2,365	2,739
Diabetic	99	1,910	2,009
Ear, Nose and Throat	1,267	2,010	3,277
Endocrine	41	280	321
Eye	1,428	3,320	4,748
Gastro-intestinal	197	719	916
Genito-urinary	937	1,914	2,851
Gynecology	2,077	5,195	7,272
Hematology	17	535	552
Medical	2,609	6,236	8,845
Neurology	129	384	513
Neuro-surgery	211	415	626
Obstetrics	2,012	17,082	19,094
Occupational Therapy	82	1,058	1,140
Oncology	320	1,707	2,027
Oral Surgery	312	556	868
Orthopedics	1,478	3,210	4,688
Pediatrics	2,349	8,097	10,446
Pediatric Cardiology	21	213	234
Pediatric Chest	6	416	422
Pediatric Seizure	77	236	313
Physiotherapy	76	484	560
Plastic Surgery	32	30	62
Proctology	207	339	546
Psychiatry	315	1,589	1,904
Surgery	3,301	6,926	10,227
Tuberculosis	248	975	1,223
Vascular	157	870	1,027
Total	26,391	84,781	111,172

MEDICAL CARE CLINIC

UNIVERSITY HOSPITAL

Director..Henry W. D. Holljes
Assistant Director..................................Martha Curtis

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the third floor of the Dispensary Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the

University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately eighty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

4,606 public assistance clients have been assigned to this Clinic.

MERCY HOSPITAL

BOARD OF GOVERNORS

Walter D. Wise, *Chairman*

Mother M. Bernadette
Sister M. Veronica
Sister M. Carmel
Sister M. Ellen Marie
Sister M. Frances Louise
Sister M. Damian
Sister M. Thomas
Sister M. Brendan

Henry F. Bongardt
H. Raymond Peters
Maurice C. Pincoffs
Waitman F. Zinn
Thomas K. Galvin
Edward P. Smith
Elliott H. Hutchins
Simon Brager

ADVISORY BOARD OF MERCY HOSPITAL

Most Reverend Lawrence J. Sheehan
Henry C. Evans
Thomas B. Butler
H. C. Byrd
Charles C. Conlon
Clarence E. Elderkin
Richard A. Froehlinger
William L. Galvin

August B. Haneke
Samuel H. Hoffberger
James W. McElroy
Allen W. Morton
S. Page Nelson
Thomas W. Pangborn
William F. Schmick

MERCY HOSPITAL STAFF

Surgeon-in-Chief	Walter D. Wise
Surgeons	Elliott H. Hutchins D. J. Pessagno F. L. Jennings R. W. Locher Thomas R. Chambers William F. Rienhoff Henry F. Bongardt
Neurological Surgeon-in-Chief	Charles Bagley, Jr.
Neurological Surgeons	Richard B. Coblentz James D. Arnold, Jr. Frank J. Otenasek John W. Chambers Raymond K. Thompson
Associate Surgeons	I. O. Ridgely James W. Nelson Howard B. McElwain Simon H. Brager John A. O'Connor Charles W. Maxson I. Ridgeway Trimble Raymond F. Helfrich
Assistant Surgeons	Julius Goodman S. Demarco, Jr. T. J. Touhey William N. McFaul, Jr. Meyer H. Zuravin Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi Wm. C. Dunnigan Harold H. Burns William L. Garlick John F. Schaeffer F. Ford Loker Patrick C. Phelan, Jr. Michael L. DeVincentis Harold P. Biehl
Thoracic Surgeon-in-Chief	William L. Garlick
Plastic Surgeons	Edward A. Kitlowski Clarence P. Scarborough
Ophthalmologist-in-Chief	F. Edwin Knowles, Jr.
Associate Ophthalmologist	Joseph V. Jeppi
Associate Ophthalmologists and Otologists	M. Raskin Joseph I. Kemler F. A. Pacienza

MERCY HOSPITAL STAFF—*Cont'd.*

Consulting Rhinologists and Laryngologists	W. Raymond McKenzie
	George W. Mitchell
Rhinologist and Laryngologist-in-Chief	Waitman F. Zinn
Associate Rhinologists and Laryngologists	Fayne A. Kayser
	Benjamin S. Rich
	Theodore A. Schwartz
	Benjamin H. Isaacs
	Arthur Ward
Assistant Rhinologist and Laryngologist	Joseph V. Jeppi
Bronchoscopist-in-Chief	Waitman F. Zinn
Associate Bronchoscopist	Fayne A. Kayser
Assistant Bronchoscopists	Theodore A. Schwartz
	Robert Z. Berry
Orthopaedic Surgeon-in-Chief	H. L. Rogers
Associate Orthopaedic Surgeon	Henry F. Ullrich
Assistant Orthopaedic Surgeons	I. H. Maseritz
	J. H. Gaskel
	Isaac Gutman
	Everett D. Jones
Proctologist-in-Chief	Simon P. Brager
Proctologist	William J. Supic
Urologist-ni-Chief	Kenneth D. Legge
Associate Urologists	Leon K. Fargo
	Francis W. Gillis
	J. S. Haines
	John D. Young, Jr.
Dermatologist-in-Chief	Francis A. Ellis
Dermatologists	Eugene S. Bereston
	R. C. V. Robinson
	William R. Bundick
Dentist	J. D. Fusco
Consulting Dentist	Conrad L. Inman
Consulting Physician	Maurice C. Pincoffs
Consultant, Diseases of the Chest	H. Vernon Langeluttig
Physician-in-Chief	H. Raymond Peters
Physicians	Harvey G. Beck
	Thomas P. Sprunt
	George McLean
	J. Sheldon Eastland
	Louis A. M. Krause
	Thomas C. Wolff
	T. Nelson Carey
	Sol Smith

MERCY HOSPITAL STAFF—*Cont'd.*

Associate Physicians	Hubert C. Knapp
	Bartus T. Baggott
	Wetherbee Fort
	Hugh J. Welch
	S. Edwin Muller
	Frederick J. Vollmer
	William H. Kammer
Assistant Physicians	S. A. Tumminello
	J. Howard Burns
	Earl L. Chambers
	K. W. Golley
	John R. Davis, Jr.
	J. Emmett Queen
	John C. Osborne
	Arthur Karfgin
	Henry J. Marriott
	James J. Nolan
	Maurice Feldman, Jr.
Gastro-Enterologist	Maurice Feldman
Associate Gastro-Enterologist	Philip D. Flynn
Consulting Pediatrician	Edgar B. Friedenwald
Pediatrician-in-Chief	Frederick B. Smith
Associate Pediatrician	G. Bowers Mansdorfer
Assistant Pediatricians	Jerome Fineman
	O. Walter Spurrier
	Israel P. Meranski
	Edward L. Frey, Jr.
	Earl Weeks
	A. M. Bacon, Jr.[6]
	Donald D. Cooper
	Joseph M. Cordi
	J. Carlton Wich
Associate Neurologists and Psychiatrists	Harry Goldsmith
	Philip F. Lerner
	George G. Merrill
	Edward L. Suarez-Murias
	Frederick S. Wolf[6]
Anesthesiologist	James Russo
Consulting Obstetrician	Edward P. Smith
Obstetrician-in-Chief	John J. Erwin
Obstetricians	Thomas K. Galvin
	Frank K. Morris
	Ernest S. Edlow
	Hugh B. McNally

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[6] In Military Service.

MERCY HOSPITAL STAFF—*Cont'd.*

Associate Obstetricians	William C. Duffy Charles H. Doeller, Jr.
Assistant Obstetricians	William A. Dodd Harry McB. Beck Joseph C. Sheehan Robert B. Tunney J. Howard Burns Harry F. Kane William J. Rysanek, Jr.
Gynecologist-in-Chief	Thomas K. Galvin
Gynecologists	Edward P. Smith John J. Erwin Frank K. Morris
Associate Gynecologists	George A. Strauss, Jr. Ernest S. Edlow Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck
Assistant Gynecologists	William C. Duffy Gerald A. Galvin Joseph C. Sheehan Robert B. Tunney Harry F. Kane William J. Rysanek, Jr. John F. Ullsperger
Pathologist-in-Chief	Walter C. Merkel
Pathologist	Hugh R. Spencer
Clinical Pathologist	H. T. Collenberg
Clinical Hematologist	H. Raymond Peters
Clinical Biochemist	Charles E. Brambel
Technicians	Sister Paula Marie Eleanor Behr Elizabeth Johnson Carmela E. Minnick Constance Chapman Rita Berry Jeanne Merritt Florese Samorodin Doris Stang Mary Meyer Anne Murdock
Radiologist	Edward R. Dana
Technicians (X-ray)	Sister M. Kevin Mary Gorman Henrietta McCaffrey Frances Muth Shirley Akers

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1951—JUNE 30, 1952

RESIDENT STAFF

Karl A. Dillinger, B.S., M.D.	*Resident Surgeon*
Clyde D. Thomas, Jr., M.D.	*Associate Resident Surgeon*
Margaret L. Sherrard, B.A., M.D.	*Senior Assistant Resident Surgeon*
Leonard G. Hamberry, A.B., M.D.	*Junior Assistant Resident Surgeon*
William B. Rever, Jr., M.D.	*Junior Assistant Resident Surgeon*
Sim Penton, M.D.	*Resident in Thoracic Surgery**
Pomeroy Nichols, Jr., M.D.	*Junior Resident in Neurosurgery (July 1, 1951—January 31, 1952)*
George W. Smith, M.D.	*Senior Resident in Neurosurgery (February 1, 1952—June 30, 1952)*
John A. Ferris, B.S., M.D.	*Resident Gynecologist*
Arthur R. Fleming, B.S., M.D.	*Resident Obstetrician*
Howard F. Raskin, B.A., M.D.	*Resident Physician*
Charles R. Ireland, M.D.	*Assistant Resident Physician*
Frank T. Kasik, Jr., B.S., M.D.	*Assistant Resident Physician*
Frederick J. Heldrich, Jr., B.A., M.D.	*Resident Pediatrician*

INTERNS

John R. Buell, Jr., M.D.
Raymond L. Clemmons, B.S., M.D.
Howard C. Kramer, M.D.
Frank R. Perilla, B.S., M.D.
William H. H. Shea, B.S., M.D.
Leslie D. Simmons, B.S., M.D.
Edward N. Sipple, M.D.
John H. Stone, B.S., M.D.
Jeno Baumann, M.D.†

MERCY HOSPITAL DISPENSARY STAFF

Dispensary Director	Sister M. Anita
Director of Surgical Clinic	Walter D. Wise
Chief of Surgical Clinic	Harold H. Burns
Assistant Surgeons	I. Ridgeway Trimble Howard L. Zupnik Daniel R. Robinson Joseph V. Jerardi William C. Dunnigan John F. Schaeffer F. Ford Loker Patrick C. Phelan Arthur G. Siwinski Melvin F. Polek Michael L. DeVincentis Paul R. Ziegler Harold P. Biehl

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* Resident at Mercy, City and University Hospitals.

† Term expires February 11, 1952.

MERCY HOSPITAL DISPENSARY STAFF—*Cont'd.*

Chief of Plastic Surgery	Edward A. Kitlowski
Assistant in Plastic Surgery	Clarence P. Scarborough
Chief of Urology Clinic	Kenneth D. Legge
Assistant Urologists	Francis W. Gillis L. K. Fargo John S. Haines John D. Young, Jr.
Chief of Orthopaedic Clinic	Harry L. Rogers
Orthopaedic Surgeons	Henry F. Ullrich Isaac Gutman I. H. Maseritz Jason H. Gaskel Everett D. Jones
Director of Neuro-Surgery Clinic	Charles Bagley, Jr.
Neuro-Surgeons	John W. Chambers Frank J. Otenasek Raymond K. Thompson
Director of Medical Clinic	H. Raymond Peters
Chiefs of Medical Clinic	Sol Smith S. Edwin Muller
Assistant Physicians	Frederick J. Vollmer William H. Kammer John R. Davis J. Emmett Queen Charles F. O'Donnell Arthur Karfgin John C. Osborne Maurice Feldman, Jr. James J. Nolan Milton C. Linthicum Burton Lock
Chief of Allergy Clinic	S. Edwin Muller
Chief of Cardiovascular Clinic	Thomas C. Wolff
Assistant Cardiologists	Leon Ashman Henry J. Marriott
Chief of Metabolism Clinic	J. Sheldon Eastland
Assistant in Metabolism Clinic	J. Emmett Queen
Gastro-Enterologist	Maurice Feldman, Sr.
Associate Gastro-Enterologist	Philip D. Flynn
Director of Pediatric Clinic	Fred B. Smith
Chief of Pediatric Clinic	G. Bowers Mansdorfer

MERCY HOSPITAL DISPENSARY STAFF—*Cont'd.*

Pediatricians	Israel T. Meranski O. Walter Spurrier Edward L. Frey, Jr. Earl Weeks Joseph Cordi
Director of Neurologic and Psychiatric Clinics	Philip F. Lerner
Associate Neurologist and Psychiatrist	George G. Merrill
Assistant Neurologist and Psychiatrists	Edward L. Suarez-Murias Frank J. Ayd, Jr.
Director of Dermatology Clinic	Francis A. Ellis
Assistant Dermatologists	Eugene S. Bereston R. C. V. Robinson William R. Bundick
Oncologist	James W. Nelson
Director of Gynecology Clinic	Thomas K. Galvin
Chief of the Gynecology Clinic	Frank K. Morris
Assistant Gynecologists	Edward P. Smith J. J. Erwin Ernest S. Edlow Charles H. Doeller, Jr. William A. Dodd Harry McB. Beck William C. Duffy Joseph C. Sheehan Robert B. Tunney Gerald A. Galvin John M. Palese John F. Ullsperger Harry F. Kane
Chief of Obstetrical Clinic	John J. Erwin
Obstetricians	Harry F. Kane William A. Dodd Harry McB. Beck Joseph C. Sheehan Robert B. Tunney William J. Rysanek, Jr. Anthony DiPaula
Esophagoscopist	Waitman F. Zinn
Associate Esophagoscopist	Fayne A. Kayser
Rhinologists and Laryngologists	Waitman F. Zinn Theodore A. Schwartz Benjamin H. Isaacs Arthur Ward Robert Z. Berry

MERCY HOSPITAL DISPENSARY STAFF—*Cont'd.*

Ophthalmologists and Otologists	M. Raskin F. A. Pacienza Joseph V. Jeppi
Chief of Proctology Clinic	Simon H. Brager
Assistant Proctologist	William T. Supik
Chief of Dental Clinic	J. D. Fusco
Assistant Chief, Dental Clinic	Edward R. Stinebert
Consulting Dentist	Conrad L. Inman
Physiotherapists	Leon Hannan Alice R. Hannan
Social Workers	Sister M. Scholastica[6] Anna Shawbaker Marian L. Kinney
Secretaries	Eva Applegarth Nancy Arnold

MEDICAL CARE CLINIC

Director	S. Edwin Muller
Assistant Director	Frances V. Loughney

The Medical Care Clinic at Mercy Hospital is one of six special clinics established and conducted for the Baltimore City Health Department. These clinics were established by the Medical and Chirurgical Faculty of Maryland and the State Planning Commission. The program takes up an unmet need for the indigent.

The City Welfare Department certifies recipients of public assistance to the Health Department. The Health Department in turn, assigns recipients to one of the medical care clinics operated by local hospitals, namely—Johns Hopkins, Sinai, University of Maryland, Mercy, Provident and South Baltimore. The clinic assignments are made primarily on a geographic basis.

During the current year the Medical Care Clinic at Mercy Hospital is providing facilities for three thousand clients. It provides the eligible individual an initial physical examination, chest X-ray, bacteriological and other laboratory tests as indicated. Arrangements are also made by the Clinic to have each client register with a family physician of his or her choice selected from those Baltimore physicians who have agreed to participate in the program. The Clinic notifies the physician chosen, and sends to him a complete written report of the physical findings.

The plan gives physicians an opportunity for contacts with the personnel and diagnostic facilities of the participating hospitals. At the request of the client's physician, consultation services of the Staff at Mercy are made available. These services include Medicine, Surgery, Gynecology, Urology, Orthopedics, Dermatology, Neurology and other specialties, together with clinical laboratory facilities.

The Mercy Clinic is located on the 4th floor of the College Building. It includes a reception area, offices and examining rooms. An active personnel of Doctors, Nurses, Medical Technician and Medical Secretary are on duty from 9 A.M. to 5 P.M.

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[6] On Leave.

MERCY HOSPITAL OUT-PATIENT REPORT
JANUARY 1, 1950 TO JANUARY 1, 1951

Departments	*New Cases*	*Old Cases*	*Total*
Allergy	30	164	194
Bronchoscopic	328	567	895
Cardiology	85	257	342
Dental	224	130	354
Dermatology	338	902	1,240
Diabetic	49	517	566
Gastro-intestinal	58	113	171
Genito-urinary	112	285	397
Gynecology	438	1,195	1,633
Medical Care	1,929	0	1,929
Medicine	617	2,781	3,398
Neurology	132	362	494
Neuro-surgery	41	65	106
Ophthalmology	405	373	778
Orthopaedics	256	540	796
Pediatrics	627	1,733	2,360
Physiotherapy	99	1,008	1,107
Plastic Surgery	0	3	3
Postnatal	224	2	226
Prenatal	343	2,879	3,222
Proctology	71	108	179
Rhinolaryngology	589	674	1,263
Surgery	996	2,202	3,198
Surgical Follow-Up	177	474	651
Total	8,168	17,334	25,502

THE BALTIMORE CITY HOSPITALS

STAFF, 1951–1952

PARKER J. MCMILLIN, *Superintendent*

Surgeon-in-Chief	OTTO C. BRANTIGAN, M.D.
Visiting Surgeons	JAMES C. OWINGS, M.D. I. RIDGEWAY TRIMBLE, M.D. AMOS KOONTZ, M.D. THURSTON R. ADAMS, M.D. HARRY C. BOWIE, M.D. DONALD B. HEBB, M.D.
Visiting Thoracic Surgeon	WILLIAM L. GARLICK, M.D.
Consultant in Traumatic Surgery	C. A. REIFSCHNEIDER, M.D.
Visiting Hand Surgeon	RAYMOND M. CURTIS, M.D.
Visiting Neuro-Surgeons	CHARLES BAGLEY, M.D. RICHARD G. COBLENTZ, M.D. JAMES G. ARNOLD, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

Assistant Visiting Neuro-Surgeon	R. K. Thompson, M.D.
Consultant in Plastic Surgery	Edward A. Kitlowski, M.D.
Visiting Plastic Surgeon	Clarence P. Scarborough, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Visiting Urologists	W. Houston Toulson, M.D. Hugh Jewitt, M.D. Howard B. Mays, M.D.
Assistant Visiting Urologist	John D. Young, M.D.
Consulting Gynecologist	J. Mason Hundley, Jr., M.D.
Visiting Gynecologist	Beverly Compton, M.D.
Visiting Proctologist	Monte Edwards, M.D.
Assistant Visiting Gynecologists	Ernest I. Cornbrooks, M.D. William K. Diehl, M.D. Everett S. Diggs, M.D.
Visiting Orthopedic Surgeons	Allen F. Voshell, M.D. Milton J. Wilder, M.D.
Assistant Visiting Orthopedic Surgeons	Isaac A. Gutman, M.D. Everett D. Jones, M.D.
Visiting Laryngologists	John Bordley, M.D. Fred T. Kyper, M.D.
Assistant Visiting Laryngologists	John H. Hirschfeld, M.D. Alfred T. Lieberman, M.D.
Visiting Ophthalmologist	Charles E. Iliff, Jr., M.D.
Visiting Oncologist	Arthur G. Siwinski, M.D.
Visiting Anesthesiologists	Alfred T. Nelson, M.D. Theodore Stacy, M.D. Leonard Abramovitz, M.D.
Consultant in Peripheral Vascular Diseases	George H. Yeager, M.D.
Chief Pathologist	C. Gardner Warner, M.D.
Visiting Neuropathologist	John A. Wagner, M.D.
Consultant in Psychiatry	Esther L. Richards, M.D.
Chief Radiologist	John DeCarlo, Jr., M.D.
Chief Pediatrician	Harold E. Harrison, M.D.
Assistant Chief Pediatrician	Douglas E. Johnstone, M.D.
Visiting Pediatricians	Milton Markowitz, M.D. Laurence Finberg, M.D.
Chief Hospital Physician—Tuberculosis	H. Vernon Langeluttig, M.D.
Assistant Hospital Physician—Tuberculosis	Edmund G. Beacham, M.D.
Visiting Physicians—Tuberculosis	Alvin S. Hartz, M.D. John H. Hirschfeld, M.D.
Chief Physician, Acting	C. Holmes Boyd, M.D.
Assistant Chief Physician	Howard K. Rathbun, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

Visiting Physicians	Louis A. M. Krause, M.D. William G. Speed, III, M.D. Crawford N. Kirkpatrick, M.D. Earnest Gross, M.D. Joseph King, M.D.
Assistant Visiting Physicians (USPHS)	John H. Miller, M.D. Donald M. Watkins, M.D. Milton Landowne, M.D. Rodger K. MacDonald, M.D. Morton D. Bogdonoff, M.D. Harold M. Silver, M.D.
Physiologist	Nathan W. Shock, PH.D.
Visiting Neurologist	J. W. Magladery, M.D.
Assistant Visiting Neurologist	David B. Clark, M.D.
Visiting Dermatologist,	Raymond C. V. Robinson, M.D.
Visiting Laboratory Physician	Julius Waghelstein, M.D.
Consultant in Hematology	Philip F. Wagley, M.D.
Consultant in Neurology	Frank R. Ford, M.D.
Chief Dental Surgeon	H. Glenn Waring, D.D.S.
Assistant Visiting Dental Surgeons	L. W. Bimestefer, D.D.S. Michael Varipatis, D.D.S. B. W. Miksinski, D.D.S.
Orthodontist	R. Kent Tongue, D.D.S.
Exodontist	Richard Colman, D.D.S.
Chief Obstetrician	Louis H. Douglass, M.D.
Visiting Obstetrician	J. Morris Reese, M.D.
Assistant Visiting Obstetricians	D. Frank Kaltreider, M.D. John E. Savage, M.D. J. William Dorman, M.D. W. Newton Long, Jr., M.D. George W. Anderson, M.D. Louis C. Gareis, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

STAFF, 1951–1952

Surgeon-in-Chief and Medical Director	Allen Fiske Voshell, A.B., M.D.
Consultant in Orthopaedic Surgery and Roentgenology	Albertus Cotton, A.M., M.D.
Associate Orthopaedic Surgeons	Moses Gellman, B.S., M.D. Harry F. Ullrich, M.D. Winthrop M. Phelps, A.B., M.D. Milton J. Wilder, M.D. David L. Filtzer, M.D. James P. Miller, M.D.

KERNAN HOSPITAL STAFF—*Cont'd.*

Roentgenologist	Charles N. Davidson, M.D.
Plastic Surgeon	Edward A. Kitlowski, A.B., M.D.
Aurist and Laryngologist	Benjamin S. Rich, A.B., M.D.
Dentist	M. E. Coberth, D.D.S.
Cardiologist	Helen M. Taussig, M.D.
Pediatrist	Melchijah Spragins, M.D.
Consulting Surgeon	Charles Reid Edwards, A.B., M.D.
Consulting Aurists and Laryngologists	Edward A. Looper, M.D., D.Oph.
Consulting Neurological Surgeon	Charles Bagley, Jr., M.A., M.D.
Consulting Dermatologists	Harry M. Robinson, Sr., M.D. Leon Ginsburg, M.D.
Consulting Neurologists	Irving J. Spear, M.D. R. V. Seliger, M.D.
Consulting Pediatrists	Benjamin Tappan, A.B., M.D. J. Edmund Bradley, M.D.
Consulting Dentist	Harry B. McCarthy, D.D.S.
Consulting Pathologist	Hugh R. Spencer, M.D.
Consulting Roentgenologist	Henry J. Walton, M.D.
Resident Orthopaedic Surgeons	John J. Tansey, M.D. John L. Wooten, M.D.
Superintendent	Miss Maud M. Gardner, R.N.
Dispensary and Social Service Nurse	Mrs. Evelyn Byrd Zapf, R.N.
Physical Therapists and X-ray Technicians	Mr. Henry Ewertz Mrs. Anna H. Erlanger Mrs. Georgiana Wisong
Occupational Therapist	Mrs. T. Lynn Buttrick, O.T. Miss Virginia Cooper, O.T.
Instructor in Grammar School	Miss Bertha Sendelback

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 33,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

DISPENSARY BUILDING

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The office of the Medical School Physician is located in this building.

The Department of Art also occupies quarters here.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933-1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service provides accommodation for 40 ward patients and assures the student abundant obstetrical training. During the year ending December 31st 1950, 3217 patients were delivered and discharged. Of these, 2288 were service cases and available for teaching. Each member of the graduating class participated in an average of 15 deliveries in addition to those he attended at Baltimore City Hospitals as a junior student.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 350 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.
The Hospital for Chronic Cases, 575 beds.
The Hospital for Tuberculosis, 280 beds.
Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1950 the out-patient visits numbered 20,720.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Requests for application forms should be filed not earlier than September 15th preceding by one year the desired date of admission. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

Consideration will be given applications received after December 1st provided the class is not complete.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

(a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and

(b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences, whose names occur in the current list of "Approved Colleges of Arts and Sciences" as compiled by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.

(c) The following courses and credits in basic required subjects must be completed by June of the year the applicant desires to be admitted:

	Semester hours	*Quarter hours*
General biology or zoology	*(6) 8	*(9) 12
Inorganic chemistry	*(6) 8	*(9) 12
Organic chemistry	6–8	9–12
General physics	*(6) 8	*(9) 12
English	6	9
Modern language (German, French, Spanish)	6	9

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* Consideration will be given applicants from the New England area where 6 semester hours, or 9 quarter hours, is the standard credit for a science course.

(d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

(e) Students will not be admitted who have unabsolved conditions or failures in college courses.

Elective courses should be selected from the following three groups. Highly desirable courses are shown in bold face type.

Humanities

English (an advanced course in English composition should be taken, if possible)
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)
Philosophy

Natural Sciences

Vertebrate Embryology
Comparative Vertebrate Anatomy
Quantitative Analysis
Physical Chemistry
Mathematics

Social Sciences

Economics
History
Political Science
Psychology (a general course is desirable)
Sociology, etc.

Careful attention should be given to the selection of elective courses in the natural sciences. It is suggested that the elective list given herewith be used as a guide. The remainder of college credits should be accumulated from courses designed to promote a broad cultural development. Thirty six hours or the equivalent in session hours or courses in the humanities are recommended. Students should avoid taking courses in college which are included in the medical curriculum, for example histology, human anatomy, bacteriology, physiology, neurology and physiological chemistry.

It is not intended that these suggestions be interpreted as restrictions upon the education of students who exhibit an aptitude for the natural sciences or as limitations upon the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, given in May each year, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in other respects give promise of becoming successful students and physicians of high standing.

Those candidates for admission who are permanently accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of C or better without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE STATUS OF STUDENTS*

Students who are minors are considered to be resident students if, at the time of their registration, the parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for at least one year, provided such residence has not been acquired while attending any school or college in Maryland.

The status of the residence of a student is determined at the time of his first registration in the university and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this state by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

CURRENT FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year)—Residents of Maryland	450.00
Tuition fee (each year)—Non-Residents	700.00
Laboratory fee (each year)	25.00
Student health service fee (each year)	20.00
Student activities and service fee (each year)	15.00
†Lodging and meals fee	6.75
Graduation fee	15.00
Re-examination fee (each subject)	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of $10.00 and of a deposit on tuition of $50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This $60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

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* The term "parents" includes persons who have been legally constituted the guardians of or stand in loco parentis to such minor students.

† Junior Students will be billed for this fee, covering lodging and meals while on obstetrical service at Baltimore City Hospitals. Section B. on Schedule 2 will be billed for the first semester; Section A on Schedule 2 for the second semester. This fee must be paid by all junior students whether or not they serve during the previous summer or the academic year.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar page 5 of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee, the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of $5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office $5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes, provides photographs for all school purposes, including state boards. It supports the activities of the Student Council.

STUDENT HEALTH SERVICE

James R. Karns, M.D. .... Director, Student Health Service.

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the school physician, Dr. James R. Karns, in his office at the medical school, at 9 A.M. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculant is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within the three months immediately preceding his entrance to the School of Medicine. Long study hours bring out unsuspected eye defects which cause loss of time and inefficiency in study if not corrected before school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

GRADING SYSTEM

Official grades are designated by these symbols:

Symbol	*Scholarship*	*Numerical Equivalent*
A	Superior	93–100
B	Good	87– 92
C	Fair	80– 86
D	Passing	75– 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office after graduation.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.

2. No student will be permitted to advance with unabsolved failures.

3. An average of C or better without failures in the year most recently completed is required for advancement to junior and senior standing and for graduation.

4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.

5. A student who has failures in two completed major subjects will be dropped from the rolls.

6. All students are required to attend 85% of scheduled classes and (excluding seniors) take spring examinations unless excused by the Dean.

7. Should a student be required to repeat any year in any course, he must pay regular fees.

8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.

9. The general fitness of a candidate for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all freshmen must provide themselves with microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp. Also, each freshman must possess a complete set of dissecting instruments.

A standard microscope of either Bausch & Lomb, Leitz, Spencer, Zeiss or any other make, fitted with the following attachments, will meet the requirements.

Students are cautioned that odd-lot instruments may be valueless and difficult to repair.

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.
4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.
1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.
Oculars: 10x and 5x. Huygenian eyepieces.
Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the Department of Microscopic Anatomy, second floor Bressler Research Laboratory, 29 S. Greene Street. See Dr. Lutz. This inspection is not made during August.

11. Students in the second year class are required to provide stethoscopes.

12. Third- and fourth-year students are required to provide themselves with haemocytometers, sphygmomanometers, opthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

13. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in

the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

14. Each new matriculant in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

15. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of C or better without failures for the work of his first year in the School of Medicine.

c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

16. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

PARKING

Because of lack of space on the university parking lots no parking facilities are provided thereon for students.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

One-Week Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.–12:30 a.m.)

Special Rules for Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person.

Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books

Two-Week Loans: 5¢ per day.

One-Week Loans: 5¢ per day.

Overnight Loans: 15¢ for first hour; 5¢ for each additional hour or fraction thereof.

Lost Books: List price of the book. (Lost books should be reported at once).

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

Period elapsed after instruction begins.	*Percentage refundable*
Two weeks or less	80%
Between two and three weeks	60%
Between three and four weeks	40%
Between four and five weeks	20%
After five weeks	0

PRIZES

THE FACULTY PRIZE

The Faculty will award the Faculty Gold Medal and Certificate and five Certificates of Honor to six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value $100.00 each)

A certificate of proficiency and a prize of $100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Advisory Board of the Faculty showing greatest proficiency in Dermatology.

THE DR. LEONARD M. HUMMEL MEMORIAL AWARD

A gold medal and certificate of proficiency will be awarded annually, as a memorial to the late Dr. Leonard M. Hummel, to the graduate selected by the Advisory Board of the Faculty who has manifested outstanding qualifications in Internal Medicine.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed four months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value $100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Advisory Board of the Faculty "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value $100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value $100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value $125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Advisory Board of the Faculty, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Advisory Board of the Faculty to a student of the senior class in need of assistance who presents to the Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value $200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuroanatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value $300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value $150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value $125.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Advisory Board of the Faculty to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately $250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Advisory Board of the Faculty to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of $500.00 is now available to cover two (2) scholarships in the amount of $250.00 each for a given academic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School of Medicine in collaboration with the Scholarship and Loan Committees of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of $100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of $100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under fifteen departments.

1. Anaesthesiology.
2. Anatomy (including Histology, Embryology, and Neuro-anatomy).
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Gynecology.
6. Medicine (including Medical Specialties).
7. Obstetrics.
8. Ophthalmology.
9. Pathology.
10. Pediatrics.
15. Pharmacology and Materia Medica.
16. Physiology.
13. Psychiatry.
14. Roentgenology.
15. Surgery (including Surgical Specialties).

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

ANAESTHESIOLOGY

Alfred T. Nelson	Professor of Anaesthesiology and Head of the Department
Wedon Johnson	Associate Professor of Anesthesiology
Isidore William Towlen	Assistant Professor of Anesthesiology
Frank J. Brady	Associate in Anaesthesiology
James Russo	Assistant in Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend six hours per week for four weeks observing and administering anaesthetics in the operating room.

Third year	10 hours
Fourth year	24 hours
Total	34 hours

ANATOMY

Eduard Uhlenhuth	Professor of Anatomy and Head of the Department
Frank H. J. Figge	Professor of Anatomy
Otto C. Brantigan	Professor of Surgical Anatomy
O. G. Harne	Associate Professor of Anatomy
Vernon E. Krahl	Associate Professor of Anatomy
W. Wallace Walker	Associate Professor of Surgical Anatomy
John F. Lutz	Assistant Professor of Anatomy
William B. Settle	Assistant Professor of Surgical Anatomy
Karl F. Mech	Assistant Professor of Anatomy
Herbert E. Reifschneider	Associate in Surgical Anatomy
Harry C. Bowie	Associate in Surgical Anatomy
Ross Z. Pierpont	Associate in Surgical Anatomy
H. Patterson Mack	Associate in Anatomy
Patrick C. Phelan, Jr.	Associate in Anatomy
V. V. Brunst	Research Associate in Anatomy
Robert E. McCafferty	Instructor in Anatomy
Gladys E. Wadsworth	Instructor in Anatomy
George W. Smith	Instructor in Anatomy
Richard M. Garrett	Assistant in Surgical Anatomy
Geraldine F. Wolfe	U. S. P. H. Fellow
DeWitt T. Hunter	John F. B. Weaver Fellow in Anatomy
A. Gibson Packard	John F. B. Weaver Fellow in Anatomy
William E. Loechel	U.S.P.H. Fellow in Medical Art

Gross Anatomy. *First Year.* First semester. The gross structure of the human body, studied by dissection of the human cadaver. The entire human body is dissected. Approximately 370 hours; of these 80 hours are devoted to lectures and conferences, the rest to laboratory work and demonstrations. Drs. Uhlenhuth, Krahl, Mech, McCafferty, Phelan and Miss Wadsworth.

First Year. First Semester. Peripheral Nervous System. A lecture course of approximately 32 hours, in two-hour periods each Saturday morning. Dr. Uhlenhuth.

Histology and Embryology *First Year.* First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body, but most of the time is devoted to the study of histology.

An attempt will be made to correlate this with gross anatomy as well as other subjects in the medical curriculum. Special emphasis will be placed on the dynamic and functional aspects of the subject. 150 hours. Dr. Figge, Prof. Harne, Drs. Lutz, Mack, Brunst and Miss Wolfe.

Neuroanatomy. *First Year.* Second Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 100 hours. Dr. Figge, Prof. Harne, Drs. Lutz, Mack, Smith and Miss Wolfe.

Surgical Anatomy. *Second Year.* Second Semester. Topographic and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and demonstrate all points, outlines and regions of the cadaver. Underlying regions are dissected to bring outlines and relations of structures. Dr. Brantigan and staff.

Total hours: 96

Graduate and Postgraduate Courses. Consult the general catalog of the University of Maryland for descriptions of these courses.

ART AS APPLIED TO MEDICINE

Carl Dame Clarke	Associate Professor of Art as Applied to Medicine
Thomas M. Stevenson, Jr.	Assistant in Art as Applied to Medicine
Jane L. Bleakley	Assistant in Art as Applied to Medicine
Raymond J. Clayton, Jr.	Assistant in Art as Applied to Medicine
Shirley K. Fitzgerald	Assistant in Art as Applied to Medicine
Jenifred S. Boehm	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel	Professor of Bacteriology and Head of the Department
Lloyd D. Felton	Visiting Research Professor of Bacteriology
Edward Steers	Associate Professor of Bacteriology
Andrew G. Smith	Assistant Professor of Bacteriology
H. Edmund Levin	Associate in Bacteriology
Merrill J. Snyder	Instructor in Bacteriology
Joseph R. Merkel	Research Assistant in Bacteriology
Ernest C. Herrmann, Jr.	Research Assistant in Bacteriology
Richard E. Brown	Research Assistant in Bacteriology
Bernard Kramer	Research Assistant in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 120.
Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

BIOLOGICAL CHEMISTRY

Emil G. Schmidt	Professor of Biological Chemistry and Head of the Department
Edward J. Herbst	Assistant Professor of Biological Chemistry
Raymond E. Vanderlinde	Assistant Professor of Biological Chemistry
William H. Summerson	Lecturer in Biological Chemistry
Ann Virginia Brown	Instructor in Biological Chemistry
Jean D. Nimmo	Research Assistant in Biological Chemistry
Eleanor B. Glinos	Research Assistant in Biological Chemistry
Dorothy D. Hubbard	Williams Research Corporation Fellow in Biological Chemistry
Gerald Kessler	Nutrition Foundation Fellow in Biological Chemistry
Robert G. Leonard, B.S., M.S.	Bressler Reserve Fund Fellow in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

CARDIOLOGY [A DIVISION OF MEDICINE]

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

In the fourth year students are assigned for two periods weekly for five weeks to the Cardiac Clinic and attend consultation rounds and conferences on cardiovascular cases on the Medical wards.

CLINICAL PATHOLOGY [A DIVISION OF MEDICINE]

Milton S. Sacks	Associate Professor of Medicine and Head of the Division of Clinical Pathology
Sol Smith	Assistant Professor of Medicine
Marie A. Andersch	Biochemist, University Hospital, Associate in Medicine
S. Edwin Muller	Associate in Medicine
L. Ann Hellen	Instructor in Medicine
Audrey M. Funk	Instructor in Medicine
Perry O. Futterman	Instructor in Medicine
Charles P. Barnett	Baltimore Rh Laboratory Fellow in Medicine

Third Year. First and second semesters. The course in Clinical Pathology is designed to train the student in the performance and interpretation of fundamental diagnostic laboratory procedures used in clinical medicine.

During the first semester the work is devoted to a thorough consideration of diseases of the hematopoietic system. In the second semester, laboratory work in urinalysis, gastric analysis, hepatic, pancreatic and renal functions, together with a thorough discussion of underlying biochemical and physiological mechanisms is undertaken. During this semester examination of cerebrospinal fluid, transudates and exudates is included. Elements of clinical parasitology complete the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128.

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independent of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

DENTISTRY [A DIVISION OF SURGERY]

[1]Brice M. Dorsey	Professor of Oral Surgery
[1]Myron S. Aisenberg	Professor of Pathology

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[1] Faculty Member, School of Dentistry.

[1]Joseph C. Biddix, Jr.	Professor of Oral Diagnosis
[1]Kyrle W. Preis	Professor of Orthodontics
[1]Harry M. Robinson, Sr.	Professor of Dermatology
[1]Grayson W. Gaver	Professor of Dental Prosthesis
[1]Ernest B. Nuttall	Professor of Crown and Bridge
[1]Kenneth V. Randolph	Professor of Operative Dentistry
[1]Edward C. Dobbs	Professor of Pharmacology
George H. Yeager	Professor of Clinical Surgery
Grant E. Ward	Associate Professor of Surgery and Oral Surgery
[1]Hugh H. Hicks	Associate Professor of Periodontology
[1]Lewis C. Toomey	Associate Professor of Oral Surgery
George McLean	Assistant Professor of Medicine
[1]Wilbur O. Ramsay	Assistant Professor of Clinical Dental Prosthesis
[1]Samuel H. Bryant	Instructor in Oral Diagnosis
[1]Russell Gigliotti	Instructor in Clinical Oral Diagnosis
[1]Joseph P. Cappuccio	Instructor in Oral Surgery
[1]Conrad L. Inman	Instructor in Anesthesiology

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

DERMATOLOGY AND SYPHILOLOGY [A DIVISION OF MEDICINE]

Harry M. Robinson, Sr.	Professor of Dermatology
Francis A. Ellis	Assistant Professor of Dermatology
Harry M. Robinson, Jr.	Assistant Professor of Dermatology
Eugene S. Bereston	Associate in Dermatology
A. Albert Shapiro	Associate in Dermatology
Israel Zeligman	Associate in Dermatology
R. C. V. Robinson	Associate in Dermatology
William R. Bundick	Associate in Dermatology
Lucile J. Caldwell	Instructor in Dermatology
Mark B. Hollander	Instructor in Dermatology
V. Harwood Link	Instructor in Dermatology
Morris M. Cohen	Instructor in Dermatology
Lee R. Lerman	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of conferences and demonstrations of the common skin diseases and venereal diseases in the outpatient dermatologic and syphilis clinics and on the medical wards.

GASTRO-ENTEROLOGY [A DIVISION OF MEDICINE]

Theodore H. Morrison	Clinical Professor of Gastro-Enterology
Samuel Morrison	Associate Professor of Gastro-Enterology
Maurice Feldman	Assistant Professor of Gastro-Enterology
Zachariah Morgan	Assistant Professor of Gastro-Enterology
Francis G. Dickey	Associate in Medicine
Z. Vance Hooper	Associate in Gastro-Enterology
Albert J. Shochat	Instructor in Gastro-Enterology
Philip D. Flynn	Instructor in Medicine
Alfred S. Lederman	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Students attend the gastro-intestinal clinic for two periods weekly for five weeks, and consultation rounds on gastro-intestinal cases on the Medical wards. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

GYNECOLOGY

J. Mason Hundley, Jr.	Professor of Gynecology, and Head of the Department
Leo Brady	Assistant Professor of Gynecology
Edward P. Smith	Assistant Professor of Gynecology
William K. Diehl	Assistant Professor of Gynecology
Everett S. Diggs	Assistant Professor of Gynecology
Beverley C. Compton	Assistant Professor of Gynecology
Ernest I. Cornbrooks, Jr.	Assistant Professor of Gynecology
John C. Dumler	Assistant Professor of Gynecology
J. J. Erwin	Associate in Gynecology
Frank K. Morris	Associate in Gynecology
Gerald A. Galvin	Associate in Gynecology
John T. Hibbitts	Associate in Gynecology
Kenneth B. Boyd	Associate in Gynecology
Theodore Kardash	Instructor n Gynecology
Charles B. Marek	Instructor in Gynecology
Thomas S. Bowyer	Instructor in Gynecology
Ernest S. Edlow	Instructor in Gynecology
W. Allen Deckert	Instructor in Gynecology
Helen I. Maginnis	Instructor in Gynecology
Charles H. Doeller, Jr.	Instructor in Gynecology
William A. Dodd	Instructor in Gynecology
Harry McB. Beck	Instructor in Gynecology
William C. Duffy	Instructor in Gynecology
Joseph C. Sheehan	Instructor in Gynecology
William J. Rysanek	Instructor in Gynecology
Harry F. Kane	Instructor in Gynecology
Robert B. Tunney	Instructor in Gynecology
Thomas A. Stebbins	Medical Illustrator in Oncology and Gynecology
James H. Shell	Hitchcock Fellow in Gynecology

Third Year. A comprehensive course of 30 lectures in the field of gynecology, female urology, and female oncology is given to the entire class.

Fourth Year. An intensive course is given to small groups of students throughout the year, during which time the students are assigned exclusively to this department. The course consists of instructions including lectures, seminars, ward rounds, and operative clinics. In addition, two special instruction periods are given in pathology at which time a review of the pathological material seen at operation is made with especial reference to the pathology of malignant disease. The students are assigned patients on the gynecological wards, and also work in the gynecological, cystoscopy and oncology dispensaries each day.

Third year	30 hours
Fourth year	75 hours
Total:	105 hours

HISTORY OF MEDICINE

Louis A. M. Krause	Professor of Clinical Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

HYGIENE AND PUBLIC HEALTH [A DIVISION OF MEDICINE]

Huntington Williams	Professor of Hygiene and Public Health
William H. F. Warthen	Associate Professor of Hygiene and Public Health
Ross Davies	Associate Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at the Western Health District Building of the City Health Department, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

INDUSTRIAL MEDICINE AND SURGERY [A DIVISION OF SURGERY]

————————	Professor of Clinical Medicine
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thurston R. Adams	Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 8.

LEGAL MEDICINE [A DIVISION OF MEDICINE]

Russell S. Fisher	Associate Professor of Legal Medicine
Henry C. Freimuth	Associate in Legal Medicine
Stanley H. Durlacher	Associate in Legal Medicine
William J. McClafferty	Associate in Legal Medicine
William V. Lovitt, Jr.	Instructorin Legal Medicine

Third Year. This course embraces a summary of medical jurisprudence including the laws governing the practice of medicine, industrial compensation and malpractice, proceedings in criminal and civil prosecution, medical evidence and testimony, identification of bodies, injuries by blunt force, gunshot and other mechanisms, natural and homicidal deaths, medicolegal toxicology and the medicolegal autopsy. (12 hours.)

Elective Course (*summer*). A small number of students may upon application be assigned to elective work in the laboratory of the Chief Medical Examiner of the State of Maryland.

MEDICINE

Maurice C. Pincoffs	Professor of Medicine and Head of the Department
T. Nelson Carey	Professor of Clinical Medicine
Thomas P. Sprunt	Professor of Clinical Medicine
H. Raymond Peters	Professor of Clinical Medicine
Louis A. M. Krause	Professor of Clinical Medicine
William S. Love, Jr.	Associate Professor of Medicine

Thomas C. Wolff	Associate Professor of Medicine
Howard M. Bubert	Associate Professor of Medicine
J. Sheldon Eastland	Associate Professor of Medicine
Milton S. Sacks	Associate Professor of Medicine
Lewis P. Gundry	Associate Professor of Medicine
Samuel Morrison	Associate Professor of Medicine
Theodore E. Woodward	Associate Professor of Medicine
William H. Smith	Associate Professor of Clinical Medicine
George McLean	Assistant Professor of Medicine
Wetherbee Fort	Assistant Professor of Medicine
Frank J. Geraghty	Assistant Professor of Medicine
H. Vernon Langeluttig	Assistant Professor of Medicine
Sol Smith	Assistant Professor of Medicine
Edward F. Cotter	Assistant Professor of Medicine
C. Edward Leach	Assistant Professor of Medicine
Ephraim T. Lisansky	Assistant Professor of Medicine
Samuel T. R. Revell, Jr.	Assistant Professor of Medicine
Henry J. Marriott	Assistant Professor of Medicine
Robert A. Reiter	Assistant Professor of Medicine
Samuel Legum	Associate in Medicine
W. Grafton Herspberger	Associate in Medicine
Meyer W. Jacobson	Associate in Medicine
Conrad B. Acton	Associate in Medicine
Francis G. Dickey	Associate in Medicine
Lawrence M. Serra	Associate in Medicine
Marie A. Anderesch	Associate in Medicine and Lecturer in Biological Chemistry
Harry M. Robinson, Jr.	Associate in Medicine
William K. Waller	Associate in Medicine
Arthur Karfgin	Associate in Medicine
M. Paul Byerly	Associate in Medicine
Henry W. D. Holljes	Associate in Medicine
S. Edwin Muller	Associate in Medicine
Sidney Scherlis	Associate in Medicine
Kurt Levy	Associate in Medicine
Wilfred H. Townshend	Associate in Medicine
Alvin J. Hartz	Associate in Medicine
James R. Karns	Associate in Medicine
Edmund G. Beacham	Associate in Medicine
Richard A. Carey	Associate in Medicine
Louis V. Blum	Associate in Medicine
Leon Ashman	Associate in Medicine
Louis Kroll	Associate in Medicine
Daniel Wilfson, Jr.	Associate in Medicine
Jonas Cohen	Associate in Medicine
Walter Karfgin	Associate in Medicine
Irving Freeman	Associate in Medicine
Philip D. Flynn	Instructor in Medicine
Edward S. Kallins	Instructor in Medicine
John A. Myers	Instructor in Medicine

William G. Helfrich	Instructor in Medicine
Joseph E. Muse	Instructor in Medicine
William H. Kammer, Jr.	Instructor in Medicine
Samuel J. Hankin	Instructor in Medicine
Frederick J. Vollmer	Instructor in Medicine
John R. Davis	Instructor in Medicine
John B. deHoff	Instructor in Medicine
Charles F. Brambel	Instructor in Medicine
L. Ann Hellen	Instructor in Medicine
Audrey M. Funk	Instructor in Medicine
J. Emmett Queen	Instructor in Medicine
Leon A. Kochman	Instructor in Medicine
Robert E. Bauer	Instructor in Medicine
C. Herman Williams	Instructor in Medicine
Jerome Sherman	Instructor in Medicine
Perry O. Futterman	Instructor in Medicine
Elizabeth D. Sherrill	Instructor in Medicine
Philip D. Flynn	Instructor in Medicine
Joseph Furnari	Instructor in Medicine
Robert T. Parker	Instructor in Medicine
Morris Fine	Instructor in Medicine
Stephen J. Van Lill, III	Instructor in Medicine
Stuart D. Sunday	Instructor in Medicine
Irvin B. Kemick	Instructor in Medicine
Maurice Feldman, Jr.	Instructor in Medicine
James J. Nolan	Instructor in Medicine
Charles E. Shaw	Instructor in Medicine
Joseph G. Bird	Instructor in Medicine
Rollin C. Hudson	Assistant in Medicine
Franklin E. Leslie	Assistant in Medicine
John C. Osborne	Assistant in Medicine
Raymond M. Lauer	Assistant in Medicine
Lauriston L. Keown	Assistant in Medicine
Burton V. Lock	Assistant in Medicine
Carl F. Myers	Assistant in Medicine
Jack Wexler	Assistant in Medicine
Bernard Burgin	Assistant in Medicine
Marvin Goldstein	Assistant in Medicine
Donald Mintzer	Assistant in Medicine
Franklin Leslie	Assistant in Medicine
Joseph C. Myers	Assistant in Medicine
Thomas Worsley	Assistant in Medicine
Edward S. Kallins	Assistant in Medicine
Joseph B. Workman	Research Fellow in Medicine
Charles P. Barnett	Baltimore Rh Typing Laboratory Fellow in Medicine

Second Year

Introduction to clinical medicine.

(a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)

(b) Medical clinics. (1 hour a week, second semester.)

Third Year

I. The methods of examination: (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.

Instruction includes lectures and practice in the wards, outpatient department and laboratory.

II. The principles of medicine:

(a) Lectures, clinics and demonstrations in general medicine, neurology, and preventive medicine.

Third Year teaching of physical diagnosis is carried out chiefly in the various units of the City Hospital.

Fourth Year

The practice of medicine:

I. Clinical clerkship on the medical wards (31 hours a week for ten weeks).

(a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.

(b) Ward classes, ward rounds and conferences in general medicine, the medical specialties, and therapeutics.

II. Dispensary work in the medical specialties.

III. Clinical-pathological conferences (1 hour a week).

The medical dispensary of the University Hospital is utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Clinical clerkships in the Fourth Year are served on the medical wards of both the University and Mercy Hospitals.

NEUROLOGICAL SURGERY [A DIVISION OF SURGERY]

Charles Bagley, Jr.	Professor of Neurological Surgery
Richard G. Coblentz	Professor of Clinical Neurological Surgery
James G. Arnold, Jr.	Associate Professor of Neurological Surgery
John A. Wagner	Associate Professor of Pathology and Neuropathology
Robert Oster	Associate in Electro-physiology, and Director of the Hoffberger Electroencephalographic Laboratory
Raymond K. Thompson	Associate in Neurological Surgery, Director of Neurological Surgery Research
Frank J. Otenasek	Instructor in Neurological Surgery
John W. Chambers	Instructor in Neurological Surgery
Louis O. J. Manganiello	Research Fellow, Fund B, assigned to Neurological Surgery, Exchange Resident in Neurosurgery, Baltimore City Hospitals
Robert M. N. Crosby	Fellow in Neurological Surgery
Pomeroy Nichols, Jr.	Fellow in Neurological Surgery

Third year. The course covers instruction in diagnosis and treatment of surgical conditions of the brain, spinal cord and the peripheral nerves. Drs. Bagley, Coblentz, Arnold and Thompson.

Fourth year. Weekly ward rounds and conferences are given at the University Hospital. Drs. Bagley, Coblentz, Arnold and Thompson. Instruction is given (elective) in the out-patient dispensary by Drs. Louis Manganiello, George Smith and José A. Alvarez.

Third year	12 hours
Fourth year	15 hours
Conference and ward rounds (elective)	32 hours
Neurological Surgery Dispensary (elective)	48 hours
Total	107 hours

NEUROLOGY

Leon Freedom	Associate Professor of Neurology
Philip F. Lerner	Assistant Professor of Neurology
William L. Fearing	Associate in Neurology
Edward F. Cotter	Associate in Neurology
Harry Teitelbaum	Associate in Neurology
George G. Merrill	Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. Fourth year students in the Medical section attend neurological consultation rounds on ward patients in the University and Mercy Hospitals. All patients presented at these clinics are carefully examined.

Dispensary Instructions. Small sections are instructed in the neurological dispensary of the Mercy Hospital five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

OBSTETRICS

Louis H. Douglass	Professor of Obstetrics and Head of the Department
J. Morris Reese	Associate Professor of Obstetrics
D. Frank Kaltreider	Associate Professor of Obstetrics
Isadore A. Siegel	Assistant Professor of Obstetrics
John E. Savage	Assistant Professor of Obstetrics
Hugh B. McNally	Assistant Professor of Obstetrics
Margaret B. Ballard	Associate in Obstetrics
D. McClelland Dixon	Associate in Obstetrics
Osborne C. Christensen	Associate in Obstetrics
J. Tyler Baker	Associate in Obstetrics
J. Huff Morrison	Associate in Obstetrics
George H. Davis	Instructor in Obstetrics
J. King B. E. Seegar	Instructor in Obstetrics

Louis C. Gareis	Instructor in Obstetrics
Kenneth B. Boyd	Assistant in Obstetrics
W. Kenneth Mansfield, Jr.	Assistant in Obstetrics
Charles H. Doeller, Jr.	Assistant in Obstetrics
Theodore Kardash	Assistant in Obstetrics
Harry McB. Beck	Assistant in Obstetrics
William A. Dodd	Assistant in Obstetrics
Irvin P. Klemkowski	Assistant in Obstetrics
Clarence W. Martin	Assistant in Obstetrics
Vernon C. Kelley	Assistant in Obstetrics
Harry Cohen	Assistant in Obstetrics

Second Year: During the second semester lectures are given one hour weekly. Students are oriented on the normal pelvis, generative tract and the physiology of pregnancy and labor. The conduct of normal delivery and the puerperium are explained, and in general an attempt is made to prepare the student for the practical training he is to receive in his third year. Drs. Douglass and Kaltreider.

Third Year: Lectures and recitations consist of 3 hours teaching weekly and are designed to cover the anatomy more completely, especially that of the bony pelvis from an obstetrical point of view. Physiology of the endocrine system is reviewed as it relates to pregnancy and the growth and development of the impregnated ovum. Following this the pathology of pregnancy, labor and the puerperium are considered. Drs. Douglass, Reese, Siegel, Savage, Dixon and Kaltreider.

Each student is required to spend 4 days on the obstetrical service of the Baltimore City Hospitals during his junior year. Here he acts as a junior intern, observing, assisting and finally delivering normal cases under supervision. Each student attends a total of about 25 deliveries, in the majority of which he takes an active part.

Each student receives, as a member of a small group, 10 hours of instruction in palpating patients, in the clinical evaluation of the pelvis and in demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year: The instruction is entirely clinical. The "block system" is used. One-sixteenth of the class is assigned to obstetrics only for a period of 2 weeks. Students live at the University Hospital during this time and are on call 24 hours a day. They receive formal class instruction, are required to attend all rounds and staff conferences and are present at the majority of the deliveries as observers, assistants or as accoucheurs. In this way each student will actively participate in about 15 deliveries. Operative work on an obstetrical mannikin is an organized part of the course. Each student receives 6 hours of this type of instruction.

Each student spends 20 hours in the prenatal and postnatal clinics, where instructions in these fields are given.

Students assigned to obstetrics are required to attend the monthly meetings of The Committee on Maternal Mortality of Baltimore, where all maternal deaths occurring in this city are presented and discussed.

Second year— 16	Third year—148
Fourth year—106	Total —270

ONCOLOGY [A DIVISION OF GYNECOLOGY AND SURGERY]

J. Mason Hundley, Jr.	Professor of Gynecology
Beverley C. Compton	Assistant Professor of Gynecology
William K. Diehl	Assistant Professor of Gynecology
Everett S. Diggs	Assistant Professor of Gynecology
Ernest I. Cornbrooks, Jr.	Assistant Professor of Gynecology
Arthur G. Siwinski	Assistant Professor of Surgery
John C. Dumler	Assistant Professor of Gynecology
Edwin H. Stewart	Associate in Surgery
J. Duer Moores	Instructor in Surgery
Louis F. Goodman	Instructor in Surgery
Girardo B. Polanco	National Cancer Institute Trainee in Pathology
E. Eugene Covington	Assistant Radiologist
Thomas A. Stebbins	Medical Illustrator in Oncology and Gynecology

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third year. Six didactic lectures are given on the diagnosis and treatment of cancer of the generative organs. Dr. Hundley and staff.

Five lectures in general oncology are given to the entire Junior Class at the end of the year. The increasing importance of the cancer problem is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are discussed. The gradation of neoplasms, and the biophysical effects of irradiation therapy are presented. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are discussed. Dr. Ward and staff.

Fourth Year. Ten senior students of the University section are assigned to the Oncology clinic. Five students are assigned to the Tuesday morning clinic, and the alternate group to the Friday morning clinic. The diagnosis and treatment, both surgical and radiological are discussed in the presence of a staff member of the departments of Pathology, Radiology, and Surgery.

An outpatient Gynecological Clinic is held bi-weekly which affords an opportunity for instruction of small groups of students, which are assigned in rotation, in the various phases of malignancy of the generative organs. Weekly ward rounds and operative clinics are held for seniors.

	Onocology	*Gynecology*	*Total*
Third year	5 hours	6 hours	11 hours
Fourth year	12 hours	16 hours	28 hours
Total	17 hours	22 hours	39 hours

OPHTHALMOLOGY

F. Edwin Knowles, Jr.
Assistant Professor of Ophthalmology and Chairman of the Department

Joseph I. Kemler	Associate in Ophthalmology
A. Kremen	Associate in Ophthalmology
Paul N. Friedman	Instructor in Ophthalmology
Ruby A. Smith	Instructor in Ophthalmology
D. J. McHenry	Instructor in Ophthalmology
F. E. Brumback	Instructor in Ophthalmology
Richard J. Cross	Instructor in Ophthalmology
John C. Ozazewski	Assistant in Ophthalmology

Third Year. Second semester. Dr. Friedman reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, with the aid of kodachrome transparencies of the fundus oculi is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital by Dr. Kremen.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, twice weekly, for one year. Dr. Knowles.

The course consists of instruction in the clinic to small groups of students four days a week for four weeks. During this period, the student examines patients, diagnoses and treats various ocular diseases, under the supervision of Drs. Knowles, Smith, Brumback, Friedman and Ozazewski. Twice weekly lectures and lantern slide demonstration are given upon diseases of the eye, with particular reference to their diagnosis, management and relation to general medicine. Special lectures are given the entire class on vascular changes in the eye, refraction, cataract and neuro-ophthalmology. Certain operations are demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Drs. Knowles, Kemler, Kremen, Smith, Brumback, Jeppi and Pacienza.

Third year	20 hours
Fourth year	41 hours
Total	61 hours

ORTHOPAEDICS [A DIVISION OF SURGERY]

Allen Fiske Voshell	Professor of Orthopaedic Surgery
Harry L. Rogers	Clinical Professor of Orthopaedic Surgery
Moses Gellman	Associate Professor of Orthopaedic Surgery
Henry F. Ullrich	Associate Professor of Orthopaedic Surgery
Milton J. Wilder	Assistant Professor in Orthopaedic Surgery
I. H. Maseritz	Associate in Orthopaedic Surgery
Jason H. Gaskel	Instructor in Orthopaedic Surgery
Isaac Gutman	Instructor in Orthopaedic Surgery
James P. Miller	Instructor in Orthopaedic Surgery
Everett D. Jones	Assistant in Orthopaedic Surgery
Robert C. Abrams	Assistant in Orthopaedic Surgery

Didactic instruction is given in the second, third and fourth years. Clinical, bedside and outpatient instruction is given at the University, Mercy Hospitals and their Outpatient Departments, Kernan Hospital for Crippled Children, and Baltimore City Hospitals. Brief discussions and demonstrations of physical and occupational therapy are included in the course.

Second year	19 hours
Third year	36 hours
Fourth year	90 hours
Total	145 hours

OTOLARYNGOLOGY [A DIVISION OF SURGERY]

Edward A. Looper	Professor of Otolaryngology and Head of the Department
Waitman F. Zinn	Professor of Otolaryngology
Thomas R. O'Rourk	Professor of Otolaryngology
Frederick T. Kyper	Associate Professor of Otolaryngology
Benjamin S. Rich	Associate Professor of Otolaryngology
Fayne A. Kayser	Associate Professor of Otolaryngology
W. Raymond McKenzie	Assistant Professor of Otolaryngology
Theodore A. Schwartz	Assistant Professor of Otolaryngology
Robert Z. Berry	Associate in Otolaryngology
Arthur Ward	Associate in Otolaryngology
John H. Hirschfeld	Assistant in Otolaryngology
Benjamin H. Isaacs	Associate in Otolaryngology
Samuel L. Fox	Associate in Otolaryngology
Richard J. Cross	Instructor in Otolaryngology

Third Year. Instruction to the whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for eight weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for three hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper, and associates.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year	9 hours
Fourth year	53 hours
Total	62 hours

OTOLOGY

[A DIVISION OF SURGERY]

Thomas R. O'Rourk	Professor of Otolaryngology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides. Dr. O'Rourk and associates.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery. Dr. O'Rourk and associates.

Third year	12 hours
Fourth year	40 hours
Total	52 hours

PATHOLOGY

Hugh R. Spencer	Professor of Pathology and Head of the Department
Robert B. Wright	Associate Professor of Pathology
C. Gardner Warner	Associate Professor of Pathology
Walter C. Merkel	Associate Professor of Pathology
Dexter L. Reimann	Associate Professor of Pathology
John A. Wagner	Associate Professor of Pathology
Albert E. Goldstein	Assistant Professor of Pathology
Milton S. Sacks	Associate in Pathology
Benedict Skitarelic	Associate in Pathology
Charles P. Barnett	Associate in Pathology
Conrad B. Acton	Instructor in Pathology
Howard B. Mays	Instructor in Pathology
Ephraim T. Lisansky	Instructor in Pathology
D. McClelland Dixon	Instructor in Pathology
William B. VandeGrift	Instructor in Pathology
William J. Bryson	Instructor in Pathology
Karl F. Mech	Instructor in Pathology
Seymour W. Rubin	Instructor in Pathology
Theodore Kardash	Instructor in Pathology
Louis C. Gareis	Instructor in Pathology
Roy B. Turner	Instructor in Pathology
Edward L. J. Kreig	Instructor in Pathology
James H. Ramsey	Assistant in Pathology
Harry Cohen	Assistant in Pathology
Gerardo B. Polanco	National Cancer Institute Trainee

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

General Pathology. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

Autopsies. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

Clinical-Pathological Conference. (*Fourth Year.*) These exercises are held in collaboration with the various clinical departments. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

PEDIATRICS

J. Edmund Bradley	Professor of Pediatrics and Head of the Department
C. Loring Joslin	Professor of Pediatrics
A. H. Finkelstein	Associate Professor of Pediatrics
Frederick B. Smith	Associate Professor of Pediatrics
Gordon E. Gibbs	Associate Professor Clinical Research
Albert Jaffe	Associate Clinical Professor of Pediatrics
Samuel S. Glick	Assistant Professor of Pediatrics
Jerome Fineman	Assistant Professor of Pediatrics
Gibson J. Wells	Assistant Professor of Pediatrics
William M. Seabold	Assistant Professor of Pediatrics
Clewell Howell	Associate in Pediatrics
G. Bowers Mansdorfer	Associate in Pediatrics
Arnold F. Lavenstein	Instructor in Pediatrics
Mary L. Hayleck	Instructor in Pediatrics
Israel P. Meranski	Instructor in Pediatrics
Melchijah Spragins	Instructor in Pediatrics
Thomas A. Christensen	Instructor in Pediatrics
Joseph M. Cordi	Instructor in Pediatrics
William Earl Weeks	Assistant in Pediatrics
J. Carlton Wich	Assistant in Pediatrics
O. Walter Spurrier	Assistant in Pediatrics
Lester Caplan	Assistant in Pediatrics
A. Maynard Bacon, Jr.	Assistant in Pediatrics
Sara Cook	Assistant in Pediatrics
Ruth Baldwin	Assistant in Pediatrics
A. Maynard Bacon, Jr.[6]	Assistant in Pediatrics

Melvin N. Borden	Assistant in Pediatrics
Howard Goodman	Assistant in Pediatrics
Richard A. Young	Research Assistant in Pediatrics
Margaret Lucille Ward	Research Assistant in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. A clinic in the amphitheatre is given at which time patients are shown demonstrating the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems of diagnosis, care, treatment and clinical pathology of diseases of infants and children. (30 hours.)

Students are assigned subjects on which to prepare theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory work, and following up patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day is devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under the supervision of an instructor. (45 hours.)

Total hours: 300.

PHARMACOLOGY

John C. Krantz, Jr.	Professor of Pharmacology and Head of the Department
C. Jelleff Carr	Professor of Pharmacology
Raymond M. Burgison	Assistant Professor of Pharmacology
Ruth Musser	Instructor in Pharmacology
Joseph G. Bird	Assistant in Pharmacology
Amedeo S. Marrazzi	Lecturer in Pharmacology
William G. Harne	Demonstrator in Pharmacology
Frederick K. Bell	Fellow in Pharmacology
Mary S. Fassel	Emerson Fellow in Pharmacology
John B. Harmon	Emerson Fellow in Pharmacology
Go Lu	Fellow in Pharmacology
Leonard S. Brahen	Eli Lilly Fellow in Pharmacology
Johnson S. L. Ling	Eli Lilly Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PHYSICAL DIAGNOSIS [A DIVISION OF MEDICINE]

T. Conrad Wolff
Associate Professor of Medicine, and Head of the Division of Physical Diagnosis

Robert A. Reiter	Assistant Professor of Medicine
Samuel Legum	Associate in Medicine
Grafton Hersperger	Associate in Medicine
Edmund G. Beacham	Associate in Medicine
Louis Kroll	Associate in Medicine
Daniel Wilfson	Associate in Medicine
Leon Ashman	Associate in Medicine
Joseph Muse	Instructor in Medicine
Samuel Hankin	Instructor in Medicine
John B. DeHoff	Instructor in Medicine
William G. Helfrich	Instructor in Medicine
Leon A. Kochman	Instructor in Medicine
Stuart D. Sunday	Instructor in Medicine
Elizabeth D. Sherrill	Instructor in Medicine
Stephen J. Van Lill, III	Instructor in Medicine
Franklin Leslie	Assistant in Medicine
Thomas Worsley	Assistant in Medicine
Lauriston Keown	Assistant in Medicine
Jack Wexler	Assistant in Medicine
Carl F. Myers	Assistant in Medicine
Bernard Burgin	Assistant in Medicine

The course in physical diagnosis starts with the first semester of the Sophomore year and ends with the termination of the second semester of the Junior year.

First Semester—Second Year—Lecture, one hour weekly covering the technique of history writing and the mechanics of the physical signs elicited in the normal person through inspection, palpation, percussion and auscultation.

Second Semester—Second Year—Lecture, one hour weekly, covering the technique of history writing in cases involving disease, and the mechanics of pathological physical signs on inspection, palpation, percussion and auscultation.

In the third and fourth quarters small tutorial groups are formed, each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter for one afternoon weekly. In the fourth quarter the students become acquainted with abnormal signs through examination of hospital patients.

Third Year—a. The class is divided into four sections. Each section receives bedside instruction in physical diagnosis for seven weeks (2 hrs. daily). For this purpose small groups under an instructor are formed. The instruction is carried on in the Baltimore City Hospitals but in addition advantage is occasionally taken of the clinical opportunities in other institutions.

b. Lecture course (1 hr. weekly for 15 weeks) covering the mechanisms of abnormal signs.

PHYSIOLOGY

William R. Amberson	Professor of Physiology and Head of the Department
Dietrich C. Smith	Professor of Physiology
Frederick P. Ferguson	Associate Professor of Physiology
J. McCullough Turner	Associate Professor of Physiology
Harold E. Himwich	Lecturer in Physiology
Samuel L. Fox	Instructor in Physiology
Sylvia Himmelfarb	Assistant in Physiology
Frances C. Brown	Assistant in Physiology
Jeanne Ann Quinlin	Assistant in Physiology
John I. White	U.S.P.H. Fellow in Physiology
Richard F. C. Egan	John F. B. Weaver Fellow in Physiology
Annemarie Weber	U.S.P.H. Research Fellow in Physiology
Carolyn F. Hendrickson	Research Assistant in Physiology

The course in physiology is given in two parts:

First Year. Second Semester. Neuro-muscular physiology is presented in two lectures a week, without laboratory work.

Second Year. First Semester. The remainder of the subject is presented in four lectures, one conference, and two laboratory periods a week.

The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PLASTIC SURGERY [A DIVISION OF SURGERY]

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Clarence P. Scarborough	Instructor in Plastic Surgery
Walter J. Benavent	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

PROCTOLOGY [A DIVISION OF SURGERY]

Monte Edwards	Professor of Proctology
Thurston R. Adams	Assistant Professor of Proctology
Simon H. Brager	Assistant Professor of Proctology

Donald B. Hebb	Instructor in Proctology
William T. Supik	Instructor in Proctology
Raymond M. Cunningham	Instructor in Proctology

Third Year. Seven lectures are given to the whole class. The course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Supik and Brager. University Hospital—Drs. Monte Edwards and Adams.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

PSYCHIATRY

Jacob E. Finesinger	Professor of Psychiatry and Head of the Department
John R. Reid	Visiting Professor of Psychiatry
H. Whitman Newell	Associate Professor of Psychiatry
Harry M. Murdock	Assistant Professor of Psychiatry
Philip S. Wagner	Assistant Professor of Psychiatry
Hans W. Loewald	Assistant Professor of Psychiatry
William W. Elgin	Assistant Professor of Psychiatry
J. G. N. Cushing	Assistant Professor of Psychiatry
Kathryn L. Schultz	Assistant Professor of Psychiatry
Robert G. Grenell	Assistant Professor of Psychiatric Research
Isadore Tuerk	Associate in Psychiatry
Ephraim T. Lisansky	Associate in Psychiatry
Kathryn Dice	Associate in Clinical Psychology
Elizabeth LaForge	Associate in Psychiatric Social Work
Moritz Michaelis	Research Associate in Biochemistry
Harold E. Himwich	Lecturer in Psychiatry
A. Russell Anderson	Instructor in Psychiatry
Francis J. McLaughlin	Instructor in Psychiatry
Samuel Novey	Instructor in Psychiatry
Marion W. Mathews	Instructor in Psychiatry
Enoch Callaway, Jr.	Instructor in Psychiatry
William N. Fitzpatrick	Assistant in Psychiatry
Gertrude Gross	Assistant in Psychiatry
Marcella Weisman	Assistant in Psychiatric Social Work
Vesta May Stevens	Assistant in Psychiatric Social Work
Marjorie R. Fleitzer	Assistant in Psychiatric Social Work
Hermione Hunt Hawkins	Assistant in Clinical Psychology
Marvin Jaffe	Fellow in Psychiatry
Virginia Suttonfield	Fellow in Psychiatry
Ruth Page Edwards	Fellow in Psychology

Jeannette F. Rayner	Research Assistant in Psychiatry
Betty J. Fax	Research Assistant in Psychiatry
John Walker Powell	Research Assistant in Psychiatry
David Willenson	Research Assistant in Psychiatry
Barbara Elizabeth Todd	Research Assistant in Psychiatry
Carolyn Mae Miller	Research Assistant in Psychiatry

First Year. Fourteen two-hour periods during the second semester are devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding and evaluating the personal and social factors in the disease process, in treatment and prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Second Year. Fourteen two-hour periods are spent in the first semester in discussions and lectures. The emphasis is on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology and sociology. Patients are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Third Year. Sixteen lecture hours are devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment are reviewed, but the main emphasis is toward familiarizing the student with forms of therapy feasible in routine medical practice. During 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service. Topics are assigned from the current literature for group discussion. Four afternoons are spent in the wards of the Spring Grove State Mental Hospital in examining patients with emphasis in the diagnosis, treatment and management of the psychoses. Eight clinics are held for the entire fourth-year class.

ROENTGENOLOGY

Walter L. Kilby	Professor of Roentgenology, and Head of the Department
Charles N. Davidson	Associate Professor of Roentgenology
John DeCarlo, Jr.	Assistant Professor of Roentgenology

Donald J. Barnett	Assistant Professor of Roentgenology
Edward R. Dana	Associate in Roentgenology
John T. Brackin	Instructor in Roentgenology
John M. Dennis	Instructor in Roentgenology
Eugene R. McNinch	Fellow in Roentgenology
Robert W. Swain	Consultant in Radiologic Physics

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year	8 hours
Fourth year	24 hours
Total	32 hours

SPEECH TRAINING CLINIC [A DIVISION OF SURGERY]

Edward A. Kitlowski	Clinical Professor of Plastic Surgery
Ray Ehrensberger	Professor of Speech
Merle Ansberry	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

SURGERY

Charles Reid Edwards	Professor of Surgery, and Acting Head of the Department
Walter D. Wise	Professor of Surgery
Elliott H. Hutchins	Professor of Surgery
D. J. Pessagno	Professor of Clinical Surgery
F. L. Jennings	Professor of Clinical Surgery
George H. Yeager	Professor of Clinical Surgery
Monte Edwards	Clinical Professor of Surgery
Otto C. Brantigan	Professor of Clinical Surgery
Harry C. Hull	Professor of Clinical Surgery
James W. Nelson, M.D.	Professor of Clinical Surgery
R. Ridgeway Trimble	Professor of Clinical Surgery
Charles A. Reifschneider	Clinical Professor of Traumatic Surgery
Thomas R. Chambers	Associate Professor of Surgery
R. W. Locher	Associate Professor of Clinical Surgery
Edward S. Johnson	Associate Professor of Surgery
Grant E. Ward	Associate Professor of Surgery
Cyrus F. Horine	Associate Professor of Surgery
Charles W. Maxson	Associate Professor of Surgery

C. W. Peake	Associate Professor of Surgery
William F. Reinhoff, Jr.	Associate Professor of Surgery
W. Wallace Walker	Associate Professor of Surgery and Surgical Anatomy
H. F. Bongardt	Assistant Professor of Surgery
I. O. Ridgely	Assistant Professor of Surgery
Arthur G. Siwinski	Assistant Professor of Surgery
Simon H. Brager	Assistant Professor of Surgery and Proctology
Thurston R. Adams	Assistant Professor of Surgery
Raymond F. Helfrich	Associate in Surgery
William B. Settle	Associate in Surgery
George Govatos	Associate in Surgery
Joseph V. Jerardi	Associate in Surgery
Herbert E. Reifschneider	Associate in Surgery
Harold H. Burns	Associate in Surgery
William L. Garlick	Associate in Surgery
Harry C. Bowie	Associate in Surgery
Edward H. Stewart	Associate in Surgery
Joseph M. Miller	Lecturer in Surgery
J. Duer Moores	Instructor in Surgery
Calvin Hyman	Instructor in Surgery
Clyde F. Karns	Instructor in Surgery
Daniel R. Robinson	Instructor in Surgery
George H. Brouillet	Instructor in Surgery
John F. Schaefer	Instructor in Surgery
Robert F. Healy	Instructor in Surgery
Robert C. Sheppard	Instructor in Surgery
Samuel E. Proctor	Instructor in Surgery
F. Ford Loker	Instructor in Surgery
E. Roderick Shipley	Instructor in Surgery
Patrick C. Phelan, Jr.	Instructor in Surgery
Louis E. Goodman	Instructor in Surgery
William R. Geraghty	Assistant in Surgery
Howard B. McElwain	Assistant in Surgery
A. V. Buchness	Assistant in Surgery
T. J. Touhey	Assistant in Surgery
Samuel H. Culver	Assistant in Surgery
L. T. Chance	Assistant in Surgery
W. Allen Deckert	Assistant in Surgery
William C. Dunnigan	Assistant in Surgery
Howard L. Zupnik	Assistant in Surgery
Raymond M. Cunningham	Assistant in Surgery
John W. Chambers	Assistant in Surgery
Ross Z. Pierpont	Assistant in Surgery
Michael L. DeVincentis	Assistant in Surgery
James N. Cianos	Assistant in Surgery
Richard M. Garrett	Assistant in Surgery
William D. Lynn	Assistant in Surgery
R. Adam Cowley	Assistant in Thoracic Surgery; Assistant Director Surgical Research
David R. Will	Assistant in Surgery
Harold P. Biehl	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

Topographic and Surgical Anatomy. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Pierpont and Garrett.

Total hours: 96.

Principles of Surgery. *Second semester.* The course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

General and Regional Surgery. Lectures, recitations and clinics on the principles of surgery, general surgery including fractures and dislocations are given three hours a week to the whole class. Dr. Hull.

The class is divided into groups and receives instruction in history-taking and surgical pathology under the supervision of the chief of the pathology department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at this institution by Drs. Bowie, Koontz, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

Operative Surgery. Lectures and operative demonstrations are given under the supervision of Dr. Yeager assisted by Dr. Govatos. The class is divided into sections and each section is given practical and individual work under the supervision of instructors.

Surgical Out-patient Department. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

Clinics. Surgical pathological Conference. A weekly conference is conducted at the University Hospital for the entire class. Daily ward classes at University and Mercy Hospitals, and half day ward work under the supervision of Dr. E. R. Shipley at University and Dr. F. Ford Loker, Mercy Hospital.

Surgery of the Chest:—Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

Traumatic Surgery. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

Clinical Clerkship. This work includes the personal study of assigned hospital patients under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Pessagno, Nelson, Trimble, Brager, Jerardi, Garlick and Loker. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

THORACIC SURGERY [A DIVISION OF SURGERY]

Otto C. Brantigan	Professor of Thoracic Surgery
William L. Garlick	Associate Professor of Thoracic Surgery
Donald B. Hebb	Assistant in Thoracic Surgery
R. Adams Cowley	Assistant in Thoracic Surgery
Sim Penton	Resident in Thoracic Surgery
Frank Faraino	Fellow in Thoracic Surgery

Men having completed three years of American Board of Surgery training are eligible for appointment. The first year is spent in thoracic research surgery. The second year is in clinical thoracic surgery at Baltimore City, Mercy and University Hospitals.

TROPICAL MEDICINE [A DIVISION OF MEDICINE]

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS [A DIVISION OF MEDICINE]

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

UROLOGY [A DIVISION OF SURGERY]

W. Houston Toulson	Professor of Urology
Kenneth D. Legge	Professor of Clinical Urology
Howard B. Mays	Assistant Professor of Urology
Francis W. Gillis	Assistant Professor of Urology
John F. Hogan	Assistant Professor of Urology
Austin H. Wood	Associate in Urology
Lyle J. Millan	Associate in Urology
L. K. Fargo	Associate in Urology
Hugh J. Jewett	Associate in Urology
John S. Haines	Associate in Urology
Martin A. Robbins	Instructor in Urology
John D. Young, Jr.	Instructor in Urology
Charles W. Hawkins	Assistant in Urology
Morris A. Fine	Assistant in Urology
Henry K. Jarrett	Assistant in Urology

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student is placed on his own responsibility in arriving at a diagnosis. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	6 hours
Fourth year	39 hours
Total	45 hours

MEDICAL LIBRARY

Howard Rovelstad, A.B., M.A., B.S.L.S.	*Director of Libraries and Professor of Library Science*

Ida Marian Robinson, A.B., B.S.L.S.	*Librarian and Associate Professor of Library Science*
Hilda E. Moore, A.B., A.B.L.S.	*Assistant Librarian*
Florence R. Kirk	*Assistant Librarian*
Marie Harvin, B.A., B.S.L.S.	*Cataloguer*
Charlotte Wilson	*Assistant to the Cataloguer*
Jane Spacek	*Secretary to the Librarian*

POSTGRADUATE COURSES

Committee on Postgraduate Studies

Howard M. Bubert, *Chairman and Director*

Dietrich C. Smith, *1st Vice-chairman*
L. A. M. Krause, *2nd Vice-chairman*
Milton S. Sacks, *Secretary*
J. Edmund Bradley
Otto C. Brantigan
Frank H. J. Figge
Wetherbee Fort
John C. Krantz, Jr.
J. Morris Reese
Allen F. Voshell
John A. Wagner
Elizabeth Carroll, *Executive Secretary*
The Dean—*Ex Officio*

Calendar: Postgraduate courses are offered throughout the year.

During the past year, the Post Graduate Committee has given an extramural course in Hagerstown. Enrollment was 25. The Committee will consider the request of any Maryland County Medical Society for a series of lectures to begin in the Fall of 1951.

A sub-committee appointed to survey the hospitals in the State which desire assistance in the training of house staffs has been working actively during the year, and progress has been made.

The Basic Science course in OB-GYN has been withdrawn temporarily.

The following intramural postgraduate courses have been continued.

General Anatomy: The course is designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content and duration.

Anatomy of Head and Neck as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition $75.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

Surgical Anatomy: The course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition $150.00.

Pathology: This course is designed to prepare candidates for certification in surgery, surgical specialties and internal medicine. Individuals will receive training in autopsy and surgical pathology. Minimum duration is full time, six months. Tuition $150.00.

Neuro-pathology: This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition $200.00 plus $10.00 laboratory fee.

Gynecology and Obstetrics: This is a review for general practitioners. Students attend lectures, ward rounds and clinics, and observe operations and deliveries. Full time for twelve weeks. Tuition $150.00.

Gynecology, Oncology and Female Urology: This is a review designed primarily for the general practitioner. Students attend lectures, ward rounds and clinics and observe operations. Full time for ten weeks. Tuition $125.00.

Basic Sciences as They Apply to the Practice of Medicine. This course is designed to familiarize students with the advances in basic sciences during recent years. The course consists of 32 periods of 2 hours each, once a week between October and June. Tuition $50.00.

Full descriptions of these courses are available. Inquiries should be addressed to the Post Graduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams
Marie A. Andersch
James G. Arnold, Jr.
Robert E. Bauer
Joseph G. Bird
Harry C. Bowie
J. Edmund Bradley
Otto C. Brantigan
George H. Brouillet
Howard M. Bubert
T. Nelson Carey
C. Jelleff Carr
Robert Chenowith
Ernest I. Cornbrooks, Jr.
Edward F. Cotter
Richard J. Cross, Jr.
Francis G. Dickey
William K. Diehl
Everett S. Diggs
D. McClelland Dixon
Louis H. Douglass
John C. Dumler
J. Sheldon Eastland
Charles Reid Edwards
William L. Fearing
Frank H. J. Figge
Jacob E. Finesinger
A. H. Finkelstein
Russel S. Fisher
Albert E. Goldstein
Lewis P. Gundry
Frank W. Hachtel
Jerome Hartz
Charles W. Hawkins
Nathan B. Herman
Harry C. Hull
J. Mason Hundley, Jr.
D. Frank Kaltreider
Theodore Kardash
Vernon E. Krahl
John C. Krantz, Jr.
L. A. M. Krause
Arnold F. Lavenstein
C. Edward Leach
Ephraim T. Lisansky
William S. Love, Jr.
Wm. V. Lovitt, Jr.
Fred R. McCrumb
Hugh B. McNally
Howard B. Mays
Samuel Morrison
H. Whitman Newell
Frank J. Otenasek
Robert T. Parker
Ross Z. Pierpont
Maurice C. Pincoffs
J. Morris Reese
Herbert E. Reifschneider
Dexter L. Reimann
Henry L. Rigdon
Harry M. Robinson, Sr.
Raymond C. V. Robinson
Milton S. Sacks
John E. Savage
Sidney Scherlis
Emil G. Schmidt
William B. Settle
Dietrich C. Smith
Hugh R. Spencer
Melchijah Spragins
Edwin H. Stewart, Jr.
Harry A. Teitelbaum
W. Houston Toulson
Eduard Uhlenhuth
Henry F. Ullrich
Allen Fiske Voshell
John A. Wagner
Wallace Walker
Milton J. Wilder
Walter D. Wise
Henry L. Wollenweber
Theodore E. Woodward
Robert B. Wright
George H. Yeager

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 20, 1951 TO JANUARY 26, 1952

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology Lecture and Lab. *2nd Floor Bressler*		Orientation 9:00–10:00 1st 3 Lectures *A. H.* Anatomy 10:00–12:00 1st 3 Sessions After Oct. 10 Anatomy 9:00–12:00 *1st Floor Br. Lab.*	*Histology and Embryology Lecture and Lab. *2nd Floor Bressler*		Gross Anatomy *A. H.*
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lectures *A. H.* (1–2) Daily and Laboratories *Bressler 1* (2–5) Daily					

* Course ends December 21, 1951.

SECOND SEMESTER, JANUARY 28 TO JUNE 7, 1952

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B	Laboratory — Biol. Chem. Sect. A	Laboratory — Biol. Chem. Sect. B		
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	Biol. Chem. *Adm. 1*	
2.00 to 3.00	Psychiatry 2–4 Amp. *Univ. Hosp.*	Neuro-Anatomy Lecture and Laboratory *Bressler 2nd Floor*	Biol. Chem. Conference *Adm. 1*	Neuro-Anatomy Lecture and Laboratory *Bressler 2nd Floor*	Biol. Chem. Conference *Adm. 1*	
3.00 to 5.00	Neuro-Physiology 4–5 *Bressler 2*				Neuro-Physiology *Bressler 2* (3–4)	

Locations of Lecture Halls and Laboratories:
Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.
A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.
Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.
Bressler Research Laboratory—29 S. Greene Street.
Gross Anatomy—First Floor.
Histology and Embryology—Second Floor.
Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 21–26, 1952
Final Examinations—Begin May 26, 1952

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 20, 1951 TO JANUARY 26, 1952

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology *Bressler 2*	Physiology *Bressler 2*	Medicine *Bressler 2*	Physiology *Bressler 2*	Physiology *Bressler 2*	
9.30 to 10.30	Physiology Conference *Bressler 2*	Bacteriology *Adm. 1*	Bacteriology *Adm. 1*	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis 10:45–11:45 *C. H.*	
12.30	Lunch					
1.00 to 5.00	Pharmacology Lecture *Bressler* 2 *Sect. B.* 1:00–2:00 Physiology Laboratory *4th Floor Bressler* *Sect. A.* 1:00–5:00	*Sect. A.* *Sect. B.*	Psychiatry 1:30–3:30 *C. H.*	Pharmacology Laboratory *3rd Floor Bressler* *Sect. B.* 1:00–4:00 Physiology Laboratory *4th Floor Bressler* *Sect. A.* 1:00–5:00	*Sect. A.* *Sect. B.*	

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 28 TO JUNE 7, 1952

Hours	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
8.30 to 9.30	Surgery *Bressler 2*	Surgery *Bressler 2*	Surgical Anatomy *Adm. 1*	Medical Clinic *Amp.* Dispensary Building	Physical Diagnosis *Adm. 1*	Orthopaedics *Bressler 2*
9.30 to 10.30	Pharmacology *Bressler 2*	Pharmacology *Bressler 2*	Surgical Anatomy Laboratory *Bressler 1*		Pharmacology *Bressler 2*	Obstetrics *Bressler 2*
10.30 to 11.30	Pathology *C. H.*	Pathology *C. H.*		Pathology *Adm. 1*	Pathology *C. H.*	
11.30	Lunch					
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology Laboratory	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy *Adm. 1*	‖Immunology Laboratory		Pharmacology Laboratory *Sect. A*	Pharmacology Laboratory *Sect. B*	
3.00 to 5.00	Surgical Anatomy Laboratory *Bressler 1*		Optional period Pathology Immunology	Physical Diagnosis *Sect. B* (3:00–5:00) *U. H. D.*	Physical Diagnosis *Sect. A* (3:00–5:00) *U. H. D.*	

‖ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.

U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.
Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 21-26, 1952
Final Examinations—Begin May 26, 1952

THIRD YEAR SCHEDULE

SEPTEMBER 20, 1951 TO JUNE 7, 1952

SCHEDULE 1

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology March 31 to May 12	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 26 to May 14	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* †Anaesthesiology Mar. 15 to May 17 *Amp.*
9.30 to 10.00	Transfer to Baltimore City Hospitals					
10.00 to 12.00	Physical Diagnosis, Pathology, Pediatrics and Neurology at B. C. H. (See Group Schedules)					
12.00 to 1.00	Transfer and Lunch	Transfer and Lunch	Lunch	Transfer and Lunch	Lunch	
1.00 to 2.00	(Whole Class) Nose & Throat, Urology, Otology, Proctology, Plastic Surgery *C. H.*	(Whole Class) *Gynecology †Eye—10 wks. Jan. 29 to Apr. 1 †Oncology —5 wks. Apr. 8 to May 6 *C. H.*	Medical Clinic *B. C. H.*	(Whole Class) Clinical Pathology *Bressler 2*	Obstetrics *B. C. H.*	
2.00 to 4.00	(Whole Class) Pathology Laboratory *31*		Surgery	(Whole Class) Clinical Pathology — Laboratory *Bressler 5*	Surgery (2–3) *B. C. B.* Orthopaedics (3–4) *B. C. B.*	
4.00 to 5.00	(Whole Class) — ‡Legal Medicine § Industrial Medicine ‖ Psychiatry *C. H.*	(Whole Class) Hygiene and Public Health *C. H.*	Orthopaedics Roentgenology *B. C. H.*		Neuro-Surgery *B. C. B.*	

* First Semester. † Second Semester. ‡ Sept. 24 to Dec. 10. § Dec. 17 to Feb. 11. ‖ Feb. 18 to May 12

SCHEDULE 2

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics *C. H.* †Gynecology March 31 to May 12	(Whole Class) Surgery *C. H.*	(Whole Class) Obstetrics *C. H.* †Gynecology Mar. 26 to May 14	(Whole Class) Surgery *C. H.*	(Whole Class) Pathology *C. H.*	(Whole Class) Surgery *C. H.* Anaesthesiology Mar. 15 to May 17 *Amp.*
9.30 to 10.20	Pediatrics *C. H.*	Medicine ‡Pediatrics *C. H.*	Medicine ‡Pediatrics *C. H.*	Therapeutics ‡Pediatrics *C. H.*	Medicine ‡Pediatrics *C. H.*	Neurology *C. H.*
10.30 to 12.30	Operative Surgery—*Bressler 6* Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12.30 to 1.00	Lunch					
1.00 to 2.00	Same as Schedule 1		Medical Clinic *Amp.*	Same as Schedule 1	Psychiatry Dermatology *U. H. Disp* 1-4	
2.00 to 4.00			Ophthalmoscopy ** (5 weeks) *B. E. H.* — Obstetrics ** (5 weeks) *U. H. Disp.* — Otology ** (5 weeks) *Univ. Hosp.* *3-C*			
4.00 to 5.00					Obstetrics *C. H.*	

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

‡Pediatrics given the last week in each semester.

Schedule Assignment

Semester Periods:	*Sections and Schedules*
September 20, 1951 to January 26, 1952	A-1, B-2
January 28 to May 17, 1952	B-1, A-2

** 5-week periods:

First Semester	*Second Semester*
Sept. 20–Oct. 24	Jan. 28–Mar. 4
Oct. 25–Dec. 4	Mar. 5–Apr. 8
Dec. 5–Jan. 19	Apr. 9–May 17

Locations of Lecture Halls, etc.

Adm. 1.—First Floor, Administration Building, 520 W. Lombard Street.
A. H.—Anatomical Hall, Upper Hall, 522 W. Lombard Street.
Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
Bressler—Bressler Building, 29 S. Greene Street.
C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.
Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
31—31 South Greene Street.
Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 21-26, 1952
Final Examinations—Begin May 19, 1952

FOURTH YEAR SCHEDULE

SEPTEMBER 20, 1951 TO MAY 24, 1952

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks) — Neurology Cardiology Gastro-Enterology Metabolism Allergy — Roentgenology	Pediatrics (4 weeks) — Psychiatry (4 weeks)	Surgery and Surgical Specialties (8 weeks) — Urology Neuro Surgery Otology, Rhinology and Laryngology Orthopaedics — Roentgenology	Obstetrics (2 weeks) — Gynecology Oncology (2 weeks) — Dermatology & Syphilology Oncology Ophthalmology Anesthesiology (4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter		3rd Quarter	
Sept. 20, 1951 to Nov. 15, 1951 (8 weeks)		Jan. 28, 1952 to March 26, 1952 (8 weeks)	
Groups 1, 2, 3, 4	to Division 1†	Groups 1, 2, 3, 4	to Division 3†
Groups 5, 6, 7, 8	to Division 2	Groups 5, 6, 7, 8	to Division 4
Groups 9, 10, 11, 12	to Division 3†	Groups 9, 10, 11, 12	to Division 1†
Groups 13, 14, 15, 16	to Division 4	Groups 13, 14, 15, 16,	to Division 2
2nd Quarter		**4th Quarter**	
Nov. 16, 1951 to Jan. 26, 1952 (8 weeks)		March 27, 1952 to May 24, 1952 (8 weeks)	
Groups 1, 2, 3, 4	to Division 2	Groups 1, 2, 3, 4	to Division 4
Groups 5, 6, 7, 8	to Division 3†	Groups 5, 6, 7, 8	to Division 1†
Groups 9, 10, 11, 12	to Division 4	Groups 9, 10, 11, 12	to Division 2
Groups 13, 14, 15, 16	to Division 1†	Groups 13, 14, 15, 16	to Division 3†

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*The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to groups 1, 2, 9 and 10 report to the University Hospital for the 1st 4 weeks. Groups 3, 4, 11 and 12 report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing for each group involved one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 9, 1951

Ager, Law Lamar, B.S.	Alabama
Arthur, Robert Key, Jr., B.S.	Georgia
Barthel, John Paul	Maryland
Beardsley, Earl Miller	Maryland
Bell, Arthur Keith, B.A.	Maryland
Bilder, Joseph, Jr., B.S.	Ohio
Birely, Beverly Robert	Maryland
Blades, Nancy, B.A.	New Jersey
Bossard, John Wesley, B.A.	Maryland
Brannon, John Vandale, B.S.	West Virginia
Buell, John Russell, Jr.	Maryland
Christopher, Russell Lee, B.A.	Massachusetts
Clemmens, Raymond Leopold, B.S.	Maryland
Coffman, Kaohlin Miner, B.A.	Pennsylvania
Cohen, Solomon, B.A.	Maryland
Curanzy, Raymond Ralph, B.S.	Pennsylvania
Deckelbaum, Joseph, B.S.	Maryland
Dettbarn, Ernest Albert, B.S.	Maryland
Donner, Leon, B.S.	Maryland
Dudley, Winston Clark, B.A.	Massachusetts
Dunn, George Mitchell, Jr.	Washington, D. C.
Dunnagan, William Andrew, B.A.	North Carolina
Edwards, David Everett	Pennsylvania
Edwards, William Hunter, Jr., B.A.	Maryland
Esmond, William George, B.S.	Maryland
Evans, Otis Druell, Jr., B.S.	North Carolina
Ferguson, Charles Kirkpatrick	Colorado
Fitzgerald, Joseph Carroll, B.A.	Maryland
Fullilove, Rowland Elder Jack	Georgia
Gallagher, James Patrick, B.A.	West Virginia
Garcia Palmieri, Mario Ruben, B.S.	Puerto Rico
Gardner, Francis Sidney, Jr., B.A.	North Carolina
Gates, John Butler	Wisconsin
Gordon, Benjamin Dichter, B.A.	New York
Hatem, Frederick Joseph, B.S.	Maryland
Hopkins, Robert Charles, B.S.	Pennsylvania
Iten, George Joseph, B.A.	California
Johnson, Frederick Miller, B.S., M.S.	Maryland
Johnson, Wallace Edward	New Hampshire
Kaschel, Paul Edward, B.A.	New Jersey
Kindt, Willard Freed	Pennsylvania
King, Victor Francis	Maryland
Kipnis, David Morris, B.A., M.A.	Maryland
Knipp, Harry Lester	Maryland
Kramer, Howard Calvin	Maryland
Lamb, William Eugene, B.S.	Florida
Lanning, Theodore Reuney, B.S.	New Jersey
Leibman, Jack, B.A.	Maryland
Ley, Leo Henry, Jr.	Maryland
Lister, Leonard Melvin	Maryland
MacDonald, James Melvin, Jr., B.S.	Maryland
McFadden, Earl Boyd, B.S.	Maryland
McFadden, John William, B.S.	Maryland
McGrady, Charles Winfred, Jr., B.S.	Georgia
McGrady, Kathleen Reilly, B.S.	New York
Mendez Bryan, Ricardo Tomas, B.S.	Puerto Rico
Metcalf, John Shelby, Jr.	California
Mosser, Robert Schaaf, B.S.	Maryland
Mutter, Arthur Zelig, B.S.	Maryland
Myers, Donald Johnson, B.S.	Ohio
Nygren, Edward Joseph, B.A.	Maryland
Orth, John Stambaugh	Maryland
Packard, Douglas Richards	Maryland
Pencheff, Dorris Marie, B.A.	California
Perilla, Frank Robert, B.S.	Maryland
Perry, Henry David, Jr., B.A.	Florida
Reeser, Guy McClelland, Jr., B.A.	Maryland
Reeves, Henry Gray, Jr.	North Carolina
Rex, Eugene Braiden	Colorado
Reynolds, Georgia, B.A.	Maryland
Richardson, Aubrey DeVaughn, B.S.	North Carolina
Rombro, Marvin Jay, B.A.	Maryland
Rowland, Harry Shepard, Jr., B.A.	New Jersey
Saavedra Amador, Armando, B.S.	Puerto Rico
Schmale, Arthur Henry, Jr.	Nebraska
Scott, Roger David	Florida
Scully, John Thorsen	Indiana
Shea, William Harold Holland, B.S.	Maryland
Sherry, Samuel Norman, B.S.	Maryland

Simmons, Leslie Dale, B.S.	West Virginia
Sipple, Edward M., B.A.	Maryland
Skipton, Roy Kennedy, B.S.	Maryland
Solomon, David Milton	Maryland
Stone, John Hopkins, B.S.	Maryland
Sutton, Julian Theoplous, B.A.	North Carolina
Tobias, Richard Boyd, B.S.	Pennsylvania
Twigg, Homer Lee, Jr.	Maryland
Udel, Melvin, B.A.	Maryland
Venrose, Robert James, B.A.	Ohio
Watson, Charles Polk, Jr., B.A.	West Virginia
Weekley, Robert Dean, B.S.	Ohio
Wheelwright, Harvey Pearse	Utah
Williams, Charles Ray, B.A.	Pennsylvania
York, Shelley Clyde, Jr., B.S.	North Carolina
York, Thomas Luther, B.A.	North Carolina
Young, Calvin Lessey, B.S.	Maryland

HONORS

University Prize Gold Medal

David Morris Kipnis

Certificate of Honor

Leonard Melvin Lister
Frank Robert Perilla
Leon Donner
Douglas Richards Packard
William George Esmond

The Dr. A. Bradley Gaither Memorial Prize

Leonard Melvin Lister

The William D. Wolfe Memorial Prize and Certificate of Proficiency

Charles Polk Watson, Jr.

INTERNSHIPS—GRADUATES OF JUNE 9, 1951

July 1, 1951–June 30, 1952

Ager, Law Lamar	Jefferson Hillman Hospital, Birmingham, Ala.
Arthur, Robert Key, Jr.	Jefferson Hillman Hospital, Birmingham, Ala.
Barthel, John Paul	St. Luke's Methodist Hospital, Cedar Rapids, Iowa
Beardsley, Earl Miller	U. S. Naval Hospital, San Diego, Cal.
Bell, Arthur Keith	The Toledo Hospital, Toledo, Ohio
Bilder, Joseph, Jr.	The City Hospital of Akron, Akron, Ohio
Birley, Beverly Robert	Union Memorial Hospital, Baltimore, Maryland
Blades, Nancy	The Christ Hospital, Cincinnati, Ohio
Bossard, John Wesley	University Hospital, Baltimore, Md.
Brannon, John Vandale	U. S. Naval Hospital, San Diego, Cal.
Buell, John Russell, Jr.	Mercy Hospital, Baltimore, Md.
Christopher, Russell Lee	Harrisburg Polyclinic Hospital, Harrisburg, Pa.
Clemmens, Raymond Leopold	Mercy Hospital, Baltimore, Md.
Coffman, Kaohlin Miner	The Williamsport Hospital, Williamsport, Pa.
Cohen, Solomon	Sinai Hospital, Baltimore, Md.
Curanzy, Raymond Ralph	Reading Hospital, Reading, Pa.
Deckelbaum, Joseph	Sinai Hospital, Baltimore, Md.
Dettbarn, Ernest Albert	Lutheran Hospital of Maryland, Inc., Baltimore, Md.
Donner, Leon	Sinai Hospital, Baltimore, Md.

Dudley, Winston Clark	Baltimore City Hospitals, Baltimore, Md.
Dunn, George Mitchell, Jr.	University Hospital, Baltimore, Md.
Dunnagan, William Andrew	U. S. Marine Hospital, Detroit, Mich.
Edwards, David Everett	U. S. Marine Hospital, Norfolk, Va.
Edwards, William Hunter, Jr.	Union Memorial Hospital, Baltimore, Md.
Esmond, William George	Lutheran Hospital of Maryland, Inc., Baltimore, Md.
Evans, Otis Druell, Jr.	University of Texas Medical Branch Hospitals, Galveston, Texas
Ferguson, Charles Kirkpatrick	Bethesda Hospital, Cincinnati, Ohio
Fitzgerald, Joseph Carroll	University Hospital, Baltimore, Md.
Fullilove, Rowland Elder Jack	Church Home and Hospital, Baltimore, Md.
Gallaher, James Patrick	The Reading Hospital, Reading, Pa.
Garcia Palmieri, Mario Ruben	Fajardo District Hospital, Fajardo, Puerto Rico
Gardner, Francis Sidney, Jr.	City of Detroit Receiving Hospital, Detroit, Mich.
Gates, John Butler	Mercy Hospital, San Diego, Cal.
Gordon, Benjamin Dichter	King County Hospital, Brooklyn, N. Y.
Hatem, Frederick Joseph	U. S. Naval Hospital, Staten Island, N. Y.
Hopkins, Robert Charles	St. Vincent's Hospital, Erie, Pa.
Iten, George Joseph	St. Agnus Hospital, Baltimore, Md.
Johnson, Frederick Miller	Baltimore City Hospitals, Baltimore, Md.
Johnson, Wallace Edward	St. Francis Hospital, Hartford, Conn.
Kaschel, Paul Edward	Baltimore City Hospitals, Baltimore, Md.
Kindt, Willard Freed	Allentown General Hospital, Allentown, Pa.
King, Victor Francis	St. Agnes Hospital, Baltimore, Md.
Kipnis, David Morris	The Johns Hopkins Hospital, Baltimore, Md.
Knipp, Harry Lester	St. Agnes Hospital, Baltimore, Md.
Kramer, Howard Calvin	Mercy Hospital, Baltimore, Md.
Lamb, William Eugene	Gallinger Municipal Hospital, Washington, D. C.
Lanning, Theodore Reuney	Kings County Hospital, Brooklyn, N. Y.
Leibman, Jack	Mount Zion Hospital, San Francisco, Cal.
Ley, Leo Henry, Jr.	St. Agnes Hospital, Baltimore, Md.
Lister, Leonard Melvin	Barnes Hospital, St. Louis, Mo.
MacDonald, James Melvin	U. S. Naval Hospital, Bethesda, Md.
McFadden, Earl Boyd	Spartanburg General Hospital, Spartanburg, S. C.
McFadden, John William	St. Luke's Hospital, Cleveland, Ohio
McGrady, Charles Winfred, Jr.	Gallinger Municipal Hospital, Washington, D. C.
McGrady, Kathleen Reilly	Gallinger Municipal Hospital, Washington, D. C.
Mendez Bryan, Ricardo Tomas	Fajardo District Hospital, Fajardo, Puerto Rico
Metcalf, John Shelby, Jr.	University Hospital, Baltimore, Md.
Mosser, Robert Schaaf	University Hospital, Baltimore, Md.
Mutter, Arthur Zelig	Michael Reese Hospital, Chicago, Ill.
Myers, Donald Johnson	McKeesport Hospital, McKeesport, Pa.
Nygren, Edward Joseph	The New York Hospital, Cornell Medical Center, New York, N. Y.
Orth, John Stambaugh	Tripler General Hospital, Oahu, Ha.
Packard, Douglas Richard	Elizabeth Buxton Hospital, Newport News, Va.
Pencheff, Dorris Marie	Los Angeles County General Hospital, Los Angeles, Cal.
Perilla, Frank Robert	Mercy Hospital, Baltimore, Md.
Perry, Henry David, Jr.	University Hospital, Baltimore, Md.
Reeser, Guy McClelland, Jr.	Lutheran Hospital of Maryland, Inc., Baltimore, Md.
Reeves, Henry Gray, Jr.	University Hospital, Baltimore, Md.

Rex, Eugene Braiden	University Hospital, Baltimore, Md.
Reynolds, Georgia	Gallinger Municipal Hospital, Washington, D. C.
Richardson, Aubrey DeVaughn	University Hospital, Baltimore, Md.
Rombro, Marvin Jay	Lutheran Hospital of Maryland, Inc., Baltimore, Md.
Rowland, Harry Shepard, Jr.	Jersey City Medical Center, Jersey City, N. J.
Saavedra Amador, Armando	St. Joseph's Hospital, Baltimore, Md.
Schmale, Arthur Henry, Jr.	University Hospital, Baltimore, Md.
Scott, Roger David	University Hospital, Baltimore, Md.
Scully, John Thorsen	Youngstown Hospital Association, Youngstown, Ohio
Shea, William Harold Holland	Mercy Hospital, Baltimore, Md.
Sherry, Samuel Norman	Sinai Hospital, Baltimore, Md.
Simmons, Leslie Dale	Mercy Hospital, Baltimore, Md.
Sipple, Edward M.	Mercy Hospital, Baltimore, Md.
Skipton, Roy Kennedy	University Hospital, Baltimore, Md.
Solomon, David Milton	Sinai Hospital, Baltimore, Md.
Stone, John Hoskins	Mercy Hospital, Baltimore, Md.
Sutton, Julian Theoplous	Charlotte Memorial Hospital, Charlotte, N. C.
Tobias, Richard Boyd	The Williamsport Hospital, Williamsport, Pa.
Twigg, Homer Lee, Jr.	U. S. Marine Hospital, Boston, Mass.
Udel, Melvin	U. S. Marine Hospital, Baltimore, Md.
Venrose, Robert James	U. S. Marine Hospital, New Orleans, La.
Watson, Charles Polk, Jr.	University Hospital, Baltimore, Md.
Weekley, Robert Dean	St. Luke's Hospital, Cleveland, Ohio
Wheelwright, Harvey Pearse	U. S. Marine Hospital, Seattle, Wash.
Williams, Charles Ray	U. S. Marine Hospital, San Diego, Cal.
York, Shelley Clyde, Jr.	Medical College of Virginia, Richmond, Va.
York, Thomas Luther	U. S. Marine Hospital, Galveston, Texas
Young, Calvin Lessey	U. S. Marine Hospital, Staten Island, N. Y.

MATRICULANTS

SENIOR CLASS, SEPTEMBER 21, 1950 TO JUNE 9, 1951

✓ Ager, Law Lamar, B.S., *University of North Carolina, School of Medicine, September 1947 to June 1949*	North Carolina
Arthur, Robert Key, Jr., B.S., *Mercer University, 1948*	Georgia
Barthel, John Paul, *Western Maryland College*	Maryland
Beardsley, Earl Miller, *University of Maryland*	Maryland
Bell, Arthur Keith, A.B., *Oberlin College, 1947*	Maryland
Bilder, Joseph, Jr., B.S., *University of Akron, 1944*	Ohio
Birely, Beverly Robert, *University of Maryland*	Maryland
Blades, Nancy, A.B., *Connecticut College, 1947*	New Jersey
Bossard, John Wesley, A.B., *Duke University, 1947*	Maryland
Brannon, John Vandale, B.S., *Fairmont State Teachers College, 1948*	West Virginia
Buell, John Russell, Jr., *University of Maryland*	Maryland
Christopher, Russell Lee, A.B., *Bowdoin College, 1947*	Massachusetts
Clemmens, Raymond Leopold, B.S., *Loyola College, 1947*	Maryland
Coffman, Kaohlin Miner, A.B., *Western Maryland College, 1947*	Pennsylvania
Cohen, Solomon, A.B., *University of Denver, 1947*	Maryland
Curanzy, Raymond Ralph, B.S., *Juniata College, 1947*	Pennsylvania
Deckelbaum, Joseph, B.S., *University of Maryland, 1947*	Maryland
Dettbarn, Ernest Albert, B.S., *Randolph-Macon, 1947*	Maryland
Donner, Leon, B.S., *State Teachers College, 1942*	Maryland
Dudley, Winston Clark, A.B., *Oberlin College, 1943*	Massachusetts
Dunn, George Mitchell, Jr., *George Washington University*	District of Columbia
Dunigan, William Andrew, A.B., *University of North Carolina, School of Medicine, September 1947 to June 1949*	North Carolina

Edwards, David Everett, *University of Maryland*	District of Columbia
Edwards, William Hunter, Jr., A.B., *Johns Hopkins University, 1940*	Maryland
Esmond, William George, B.S., *University of Maryland, 1940*	Maryland
Evans, Otis Druell, Jr., B.S., *Davidson College, 1947*	North Carolina
Ferguson, Charles Kirkpatrick, *Muskingum College*	Kansas
Fitzgerald, Joseph Carroll, *Middlebury College, 1947*	Maryland
Fullilove, Jack, *University of Georgia*	Georgia
Gallaher, James Patrick, B.A., *West Virginia University, 1947*	West Virginia
Garcia Palmieri, Mario Ruben, B.S., *University of Puerto Rico*	Puerto Rico
Gardner, Francis, Sidney, Jr., A.B., *University of North Carolina, School of Medicine, September 1947 to June 1949*	North Carolina
Gates, John Butler, *University of Wisconsin*	Wisconsin
Gordon, Benjamin Dichter, B.A., *Amherst College, 1947*	New York
Hatem, Frederick Joseph, B.S., *Georgetown University, 1947*	Maryland
Hopkins, Robert Charles, B.S., *Allegheny College, 1946*	Pennsylvania
Iten, George Joseph, A.B., *Goshen College, 1946*	California
Johnson, Frederick Miller, B.S., M.S., *University of Maryland, 1943–1947*	District of Columbia
Johnson, Wallace Edward, *Wesleyan University*	New Hampshire
Kaschel, Paul Edward, A.B., *Wheaton College, 1947*	New Jersey
Kindt, Willard Freed, *Muhlenberg College*	Pennsylvania
King, Victor Francis, *University of Maryland*	Maryland
Kipnis, David Morris, A.B., A.M., *Johns Hopkins University, 1945–1949*	Maryland
Knipp, Harry Lester, *Loyola College*	Maryland
Kramer, Howard Calvin, *University of Maryland*	Maryland
Lamb, William Eugene, B.S., *University of Florida, 1947*	Florida
Lanning, Theodore Reuney, B.S., *Springfield College, 1944*	New Jersey
Leibman, Jack, A.B., *Johns Hopkins University, 1947*	Maryland
Ley, Leo Henry, Jr., *Mt. St. Mary's College of Maryland*	Maryland
Lister, Leonard Melvin, *Loyola College*	Maryland
MacDonald, James Melvin, B.S., *Loyola College, 1947*	Maryland
McFadden, Earl Boyd, B.S., *University of Maryland, 1947*	Maryland
McFadden, John William, *Mt. Union College*	Ohio
McGrady, Charles Winifred, Jr., A.B., *Emory University, 1947*	Georgia
McGrady, Kathleen Reilly, B.S., *Long Island University, 1947*	New York
Mendez Bryan, Ricardo Tomas, *University of Puerto Rico*	Puerto Rico
Metcalf, John Shelby, Jr., B.S., *University of California, 1950*	California
Mosser, Robert Schaaf, B.S., *University of Maryland, 1949*	Maryland
Mutter, Arthur Zelig, B.S., *Franklin & Marshall College, 1947*	Maryland
Myers, Donald Johnson, B.S., *Bethany College, 1934*	Ohio
Nygren, Edward Joseph A.B., *Western Maryland College, 1947*	Maryland
Orth, John Stambaugh, *University of Maryland*	Maryland
Packard, Douglas Richard, *University of Maryland*	Maryland
Pencheff, Dorris Marie, A.B., *University of California, 1946*	California
Perilla, Frank Robert, B.S., *University of Maryland, 1947*	Maryland
Perry, Henry David, Jr., A.B., *Emory University, 1947*	Florida
Reeser, Guy McClelland, Jr., A.B., *Western Maryland College, 1947*	Maryland
Reeves, Henry Gray, Jr., B.S., *Wake Forest College, 1947*	North Carolina
Rex, Eugene Braiden, *Vanderbilt College*	Colorado
Reynolds, Georgia, A.B., *Western Maryland College, 1947*	Maryland
Richardson, Aubrey DeVaughn, B.S., *University of North Carolina, School of Medicine, Sept. 1947 to June 1949*	North Carolina
Rombro, Marvin Jay, A.B., *Bucknell University, 1947*	Maryland
Rowland, Harry Shepard, Jr., A.B., *Wesleyan University, 1947*	New Jersey
Saavedra Amador, Armando, *University of Puerto Rico*	Puerto Rico
Schmale, Arthur Henry, Jr. *Pennsylvania State College*	Nebraska
Scott, Roger, David, *University of Virginia*	Florida
Scully, John Thorsen, *Indiana University*	Indiana
Shea, William Harold Holland, B.S., *Loyola College, 1947*	Maryland
Sherry, Samuel Norman, B.S., *University of Maryland, 1949*	Maryland
Simmons, Leslie Dale, B.S., *West Virginia University, School of Medicine Sept. 1947 to June 1949*	West Virginia
Sipple, Edward M., B.A., *Earlham College, 1949*	Maryland

Skipton, Roy Kennedy, B.S., *University of Maryland, 1942*................Maryland
Solomon, David Milton, *University of Maryland*..........................Maryland
Stone, John Hoskins, B.S., *University of Maryland*.......................Maryland
Sutton, Julian Theoplous, A.B., *University of North Carolina, School of Medicine, September 1947 to June 1949*......................North Carolina
Tobias, Richard Boyd, B.S., *Bucknell University, 1947*..................Pennsylvania
Twigg, Homer Lee, Jr., *University of Maryland*..........................Maryland
Udel, Melvin, A.B., *University of Maryland, 1947*.........................Maryland
Venrose, Robert James, A.B., *University of Michigan, 1946*.....................Ohio
Watson, Charles Polk, Jr., A.B., *West Virginia University, 1947*......West Virginia
Weekley, Robert Dean, B.S., *Heidelberg College, 1947*......................Ohio
Wheelright, Harvey Pearse, *Brigham Young University*......................Utah
Williams, Charles Ray, A.B., *Gettsburg College, 1947*....................Maryland
York, Shelley Clyde, Jr., B.S., *Guilford College, 1947*...............North Carolina
York, Thomas Luther, A.B., *University of North Carolina, School of Medicine Sept. 1947 to June 1949*..................................North Carolina
Young, Calvin Lessey, A.B., *Haverford College, 1947*......................Maryland

JUNIOR CLASS, SEPTEMBER 21, 1950 TO JUNE 9, 1951

Adams, Charles Baird, Jr., *University of Maryland*.......................Maryland
Adelstein, Benjamin Alfred, A.B., *University of Pennsylvania, 1948*......Pennsylvania
Adkins, Charles Glen, *West Virginia University*..................West Virginia
Ahlquist, Richard Elmer, Jr., A.B., *Stanford University, 1948*...........Washington
Alderman, George Carl, Jr., B.S., *Loyola College, 1949*..................Maryland
Andrews, James William, B.S., *Muskingum College, 1948*.....................Ohio
Atkins, Raymond Melvin, *University of Maryland*..........................Maryland
Bakal, Daniel, B.S., *Loyola College, 1948*...............................Maryland
Baker, Timothy Danford, A.B., *Johns Hopkins University, 1948*............Maryland
Bergofsky, Edward Harold, *University of Maryland*.......................Maryland
Berrios, Osvaldo, *University of Puerto Rico*........................Puerto Rico
Bridges, Jack Arthur, *University of Maryland*...........................Maryland
Brittain, Lowell Ellis, A.B., *University of North Carolina, School of Medicine, September 1948 to June 1950* North Carolina
Brooks, James Burch, B.S., *Loyola College, 1948*.........................Maryland
Brown, William Morris, Jr., A.B., *Mercer University, 1948*...............Georgia
Carroll, John Edward, Jr., *Loyola College*...............................Maryland
Carson, Jack Oliver, B.S., *University of North Carolina, School of Medicine, September 1948 to June 1950*..............................North Carolina
Clyman, Daniel, B.S., *University of Maryland, 1948*......................Maryland
Cohen, Phin, *Duke University*...Maryland
Culpepper, Stuart Pitner, B.S., *University of Georgia, 1948*...............Florida
Devlin, Andrew Joseph, B.S., *Gonzaga University, 1948*................Washington
Diggs, Andrew Monroe, B.S., *University of North Carolina, School of Medicine, September 1948 to June 1950*..............................North Carolina
DiGiovanni, Anthony John, A.B., *Johns Hopkins University, 1948*..........Maryland
Douglas, Robert Arnold, B.S., *J. B. Stetson University, 1948*..............Florida
Douglass, Robert Corl, Jr., B.S., *University of Toledo, 1947* Ohio
Dunford, William Stanley, Jr., B.S., *Brigham Young University, 1948*..........Utah
~~Eakle, Burke Eldridge, *West Virginia University*..................West Virginia~~
Eckert, Herbert Lewis, *University of Maryland*..........................Maryland
Egbert, Lawrence Deems, Jr., A.B., *Johns Hopkins University, 1948*........Maryland
Elgin, Lee William, Jr., *University of Florida*...........................Florida
Elliott, Charles Stanley, *Emory University*...............................Florida
Feski, Joseph Paul, *University of Pittsburgh*.........................Pennsylvania
Fine, Jack, *University of Maryland*......................................Maryland
Foley, Michael Joseph, *West Virginia University*..................West Virginia
Fritz, Louis Albert, B.S., *Loyola College, 1948*..........................Maryland
Gebhardt, Robert William, *University of Maryland*.......................Maryland
Gilliam, Charles Franklin, A.B., *University of North Carolina, School of Medicine, September 1948 to June 1950*..........................North Carolina
Gislason, Paul Harold, A.B., *University of North Dakota, 1948*........North Dakota
Gonzalez, Luis Felipe, *University of Maryland*......................Puerto Rico
Gore, Jay Calvin, A.B., *Western Maryland College, 1948*..................Maryland

Grabill, James Rodney, *Georgetown University, American University*..........Maryland

Graham, David Eric, B.S., *University of North Carolina, Medical School, September 1948 to June 1950*..........North Carolina

Graybeal, Clarence Edward, *University of Maryland*..........Maryland

Greco, William Richard, *University of Maryland*..........Maryland

Grubb, Robert Alvin, *University of Maryland*..........Maryland

Hankoff, Leon Dudley, *University of Maryland*..........Maryland

Harris, William Benjamin, A.B., *University of North Carolina, School of Medicine, September 1948 to June 1950*..........North Carolina

Heimer, William Lenox, B.S., *University of Maryland, 1948*..........Maryland

Holmes, Charles Martin, *University of Miami*..........Maryland

Houck, Romulus Vance, Jr., *University of Maryland*..........Maryland

Hudgins, William Baird, A.B., *Emory University, 1948*..........Georgia

Hunter, DeWitt Talmade, Jr., B.S., *U. S. Naval Academy, 1945*..........Virginia

Hunter, Laurel Mullins, A.B., *Westhampton College, 1948*..........Maryland

Hyatt, Irvin, B.S., *University of Maryland*..........Maryland

Keller, Franklin Lloyd, A.B., *Gettysburg College, 1945*..........Maryland

Kline, Frank Menefee, *University of Maryland*..........Maryland

Knell, Joseph Anthony, Jr., A.B., *Loyola College, 1948*..........Maryland

Krager, John Martin, B.S., *Loyola College, 1948*..........Maryland

Kramer, Irvin, *New York University*..........Maryland

Krieger, Morton Morris, *University of Maryland*..........Maryland

Lapp, Herbert Walter, *Seton Hall College*..........New Jersey

Lightbody, Charles Harry, A.B., *Colby College, 1948*..........Maine

Love, Robert George, B.S., *Massachusetts State College, 1947*..........Massachusetts

Mathews, William Allen, *Westminster College*, A.B., *Wittenberg College*..........Ohio

McKay, John Nelson, *Ohio Wesleyan University, Gettysburg College*..........Maryland

Olsen, Richard Young, A.B., *University of California, 1948*..........California

Perry, Benton Bloch, B.S., *University of Chicago, 1947*..........Maryland

Pillsbury, William Andrew, Jr., *University of Oregon, Loyola College*..........Maryland

Potter, Vance Edward, *University of Maryland*..........Maryland

Rabinowich, Malcolm Lee, *University of Maryland*..........Maryland

Ramirez-Santisteban, Gilberto, *University of Puerto Rico*..........Puerto Rico

Rappeport, Jonas Ralph, *University of Maryland*..........Maryland

Rasmussen-Taxdal, David Samuel, *University of Maryland*..........Pennsylvania

Reed, Julian Ward, B.S., *University of Maryland*..........Maryland

Rosson, William Daniel, *University of Maryland*..........Maryland

Schimmel, Bella Faye, B.S., *University of Michigan, 1948*..........Maryland

Sharrett, John Oliver, *University of Virginia*..........Maryland

Shoff, Mahlon James, A.B., *University of Delaware, 1948*..........Delaware

Sindler, Richard Arnold, A.B., *Johns Hopkins University, 1948*..........Maryland

Slager, Ursula Traugott, A.B., *Wellesley College, 1948*..........Maryland

Smith, Bolyston Dandridge, *West Virginia University*..........West Virginia

Smith, George Herbert, A.B., *Clark University, 1948*..........Maine

Smoot, Aubrey Cannon, Jr., *University of Delaware*..........Delaware

Spritz, Norton, A.B., *Johns Hopkins University, 1948*..........Maryland

Stambler, Alvin Abraham, *University of Maryland*..........Maryland

Starling, Charles Ray, B.S., *University of North Carolina, School of Medicine, September 1948 to June 1950*..........North Carolina

Trace, Robert James, *University of Wisconsin*..........Wisconsin

Troutman, Belk Connor, *University of North Carolina, School of Medicine, September 1948 to June 1950*..........North Carolina

Vicens, Carlos Nathaniel, B.S., *University of Puerto Rico, 1948*..........Puerto Rico

Wallace, Scott, Pyper, A.B., *University of Utah, 1948*..........Utah

Walsh, Harry Martin, B. S., *Washington College, 1948*..........Maryland

Warren, Bryan Pope, Jr., *University of Maryland*..........Maryland

Watters, John Lord, A.B., *University of North Carolina, School of Medicine, September 1948 to June 1950*..........North Carolina

Weeks, Howard Nelson, B.S., *Franklin & Marshall, 1948*..........Maryland

Wildberger, Albert John, A.B., *Western Maryland College, 1948*..........Maryland

Wilkinson, John Ross, Jr., A.B., *University of North Carolina, School of Medicine, September 1948 to June 1950*..........North Carolina

Wolfel, Donald Anthony, *University of Maryland*..........Maryland

Wolverton, William Roger, A.B., *West Virginia University, 1948*..........West Virginia

SOPHOMORE CLASS, SEPTEMBER 21, 1950 TO JUNE 9, 1951

Arp, Louis Croft, Jr., A.B., *State University of Iowa, 1949*	Illinois
Baldwin, Richard Moffett, B.S., *Loyola College, 1949*	Maryland
Banks, James Leroy, Jr., B.S., *Furman University, 1949*	South Carolina
Bastian, Grace Arlene, B.S., *College of Notre Dame of Maryland, 1949*	Maryland
Beck, George Henry, A.B., *Western Maryland College, 1949*	Maryland
Berkow, Robert, B.S., *University of Maryland, 1949*	Maryland
Blumenfeld, Samuel, A.B., *University of Maryland, 1949*	Maryland
Boggs, James Ernest, A.B., *West Virginia University, 1949*	West Virginia
Bove, Joseph Richard, B.S., *University of Maryland*	New Jersey
Brinkley, George Ross, Jr., A.B., *West Virginia University, 1949*	West Virginia
Burkart, Thomas Joseph, B.S., *Loyola College, 1949*	Ohio
Byerly, Walter Hough, A.B., *Johns Hopkins University, 1949*	Maryland
Byrnes, Bernard Joseph, Jr., B.S., *Loyola College, 1949*	Maryland
Carroll, Charles Fisher, Jr., B.S., *Guilford College, 1949*	North Carolina
Carter, Donald Sweetser, *Duke University*	Maryland
Clift, John Vinton, B.S., *Hampden-Sydney College, 1949*	Maryland
Codington, John Bonnell, B.S., *Davidson College, 1949*	North Carolina
Cohen, Jerome, B.S., *University of Maryland*	Maryland
Colon-Lugo, Salomon, *University of Puerto Rico*	Puerto Rico
Cook, Arthur John, A.B., *Emory University, 1949*	Georgia
Doerner, Wyand Francis, Jr., B.S., *Mt. St. Mary's College, 1949*	Maryland
Dowell, Rowland Judson, *University of Utah*	Utah
Dumler, John Donald, B.S., *University of Maryland*	Maryland
Edlow, Jules Bernard, B.S., *University of Maryland*	Maryland
Eye, Harry Luke, A.B., *West Virginia University, 1949*	West Virginia
Firor, Hugh Valentine, *University of Georgia*	Georgia
Flax, Leonard Harold, B.S., *University of Maryland*	Maryland
Frieman, Sylvan, B.S., *University of Maryland, 1949*	Maryland
Garlock, Frederick Adams, B.S., *University of Maryland*	Maryland
Garrison, Joseph Shermer, 3d, A.B., *Western Maryland College, 1949*	Maryland
Gevas, George, B.S., *University of Maryland, 1949*	Maryland
Gillotte, Joseph Patrick, B.S., *University of Maryland*	Connecticut
Glick, Leonard Barry, B.S., *University of Maryland*	Maryland
Goldstein, Robert Bruce, *University of Maryland*	Maryland
Hartman, John McMaster, A.B., *West Virginia University, 1949*	West Virginia
Heisse, John Wilbur, Jr., A.B., *Johns Hopkins University, 1949*	Maryland
Henson, Kenneth Clifford, B.S., *Salem College, 1949*	Maryland
Herbert, Thomas Franklyn, *Johns Hopkins University*	Maryland
Hess, Charles Franklin, A.B., *McPherson College, 1949*	Pennsylvania
Himmelwright, George Overton, B.S., *University of Maryland*	Maryland
Holder, William Lewis, A.B., *Emory University, 1949*	Georgia
Jones, Henry Albert, Jr., *Johns Hopkins University*	Maryland
Jones, Thomas Lawson, B.S., *University of Maryland*	Maryland
Judge, Walter Francis, B.S., *University of Notre Dame, 1949*	New Jersey
Kaese, Werner Erich, B.S., *Albright College, 1949*	Pennsylvania
Karn, William Nicholas, Jr., *Alfred University*	Maryland
Kingsbury, Robert Coburn, B.S., *University of Maryland*	Maryland
Kiser, William Sites, B.S., *University of Maryland*	West Virginia
Knight, Arthur Clyde, *University of Montana*	Montana
Lambert, Robert Young, A.B., *Emory University, 1949*	South Carolina
Langrall, Harrison Morton, Jr., A.B., *Johns Hopkins University, 1949*	Maryland
Lee, Benjamin Buck, A.B., *Johns Hopkins University, 1949*	Maryland
Leighton, Herbert Houck, *Western Maryland College*	Maryland
Levine, Robert Lee, B.S., *University of Maryland*	Maryland
Longo-Cordero, Rafael, *University of Puerto Rico*	Puerto Rico
Madge, Gordon Evans, *College of William and Mary*	Maryland
McCurry, Don Meredith, B.S., Jr., *University of Maryland*	Maryland
McFadden, Archibald Weems, B.S., *University of Maryland*	Virginia
Mendelsohn, Ronald Edward, B.S., *University of Maryland, 1949*	Maryland
Metcalf, John William, Jr., *Kent State University*	Ohio
Middleton, Benjamin Martin, *University of Maryland*	Maryland
Might, James Edward, A.B., *Wittenberg College, 1949*	Ohio

Miles, Leslie Roy, Jr., A.B., *West Virginia University, 1949*	Pennsylvania
Miller, George Henry, B.S., *University of Maryland*	Maryland
Miller, Norman Louis, B.S., *University of Maryland*	Maryland
Novey, Riva Esther, A.B., *Goucher College, 1935*, M.S., *Smith College, 1938*	Maryland
Palmisano, Joseph Frank, B.S., *University of Maryland*	Maryland
Peck, George Charles, A.B., *Johns Hopkins University, 1949*	Maryland
Powder, James Richard, A.B., *Johns Hopkins University, 1949*	Maryland
Read, James Lamar, B.S., *University of Maryland, 1949*	Maryland
Richardson, Joe Bernal, A.B., *Emory University, 1949*	Georgia
Richmond, Lewis Cass, Jr., *Duke University*	West Virginia
Rowe, James Earle, Jr., B.S., *University of Maryland*	Maryland
Schindler, Richard Elias, B.S., *University of Maryland*	Maryland
Shuman, Joseph Ellyn, B.S., *Washington College, 1949*	Maryland
Singleton, Robert Tiffany, B.S., *University of Maryland*	Maryland
Skaggs, Thomas Wayne, B.S., *University of Miami, 1947*	Florida
Slasman, William Howry, Jr., A.B., *Johns Hopkins University, 1949*	Maryland
Smith, William Meredith, Jr., B.S., *Mt. St. Mary's College, 1949*	Maryland
Spudis, Edward Verhines, B.S., *University of Maryland*	Washington, D. C.
Stauffer, John Craig, A.B., *Princeton University, 1949*	Maryland
Templeton, William Pendleton, B.S., *University of Maryland*	Maryland
Treiber, Martin William, B.S., *University of Maryland, 1948*	Maryland
Troxel, James Roy, A.B., *Johns Hopkins University, 1948*	Maryland
Tyson, William Alva Way, B.S., *Dickinson College, 1949*	Maryland
Vance, Arnold Leonard, B.S., *University of Maryland*	Maryland
Walter, Herbert Guy, Jr., *University of Nevada*	Nevada
Watson, Jack Thomas, B.S., *U. S. Naval Academy, 1945*	West Virginia
Weaver, Karl Hanna, *West Virginia University*	West Virginia
Webster, Joel Stoops, B.S., *University of Maryland*	Maryland
Weeks, Harry Stephen, Jr., A.B., *West Virginia University, 1949*	West Virginia
Weiner, Israel Howard, A.B., *Johns Hopkins University, 1949*	Maryland

FRESHMAN CLASS, SEPTEMBER 21, 1950 TO JUNE 9, 1951

Abrams, Samuel Joseph, B.A., *Johns Hopkins University, 1950*	Maryland
Ault, Virginia Lee, B.S., *University of Maryland, 1950*	Maryland
Baitch, Arthur, *University of Maryland*	Maryland
Barr, John William, B.C.S., *University of Georgia, 1948*	Maryland
Bauernschub, George Marbry, Jr., B.S., *Loyola College, 1950*	Maryland
Beach, Robert William, III, B.A., *Yale University, 1950*	Maryland
Bechtold, Jean Carol, *University of Maryland*	Maryland
Berck, Beverly Jean, B.A., *Asbury College, 1950*	Maryland
Bernardo, Anthony A., B.S., *University of Maryland, 1950*	Rhode Island
Berntson, Dale Rampston, B.A., *University of Utah, 1949*	Utah
Besson, Edwin Henry Taylor, B.S., *Washington College, 1950*	Maryland
Betz, Richard Norman, B.A., *Johns Hopkins University, 1950*	Maryland
Blumenfeld, Herbert Lee, *University of Maryland*	Maryland
Brown, Stuart Morton, *University of Maryland*	Maryland
Bullock, Allen Culpepper, Jr., B.S., *Bates College, 1950*	Maine
Carney, Mary Kathleen, B.A., *College of Notre Dame, 1950*	Maryland
Cohen, Earl, *University of Maryland*	Maryland
Coyle, Jean Marie, *University of Maryland*	Maryland
Defendini, Efrain Antonio, *University of Puerto Rico*	Puerto Rico
Doran, William Francis, B.S., *Allegheny College, 1950*	Pennsylvania
Edwards, Arthur George, Jr., *University of Maryland*	Maryland
Ellin, Morton Jack, *University of Maryland*	Maryland
Epstein, Yale, *University of Maryland*	Maryland
Evans, Theodore Edward, B.S., *Loyola College, 1950*	Maryland
Fields, Ann, B.S., *University of Maryland, 1947*	Maryland
Fitch, Charles Thomas, B.S., *George Washington University, 1950*	Maryland
Forrest, Otto Norman, Jr., B.A., *Duke University, 1949*	Maryland
Framm, Daniel Herschel, *University of Maryland*	Maryland
Freed, Malcolm Felix, *University of Maryland*	Maryland
Fritz, George Suppes, *University of Maryland*	Maryland
Fruth, Richard Lawrence, B.A., M.S., *W. Va. University, 1949, 1950*	West Virginia
Funkhouser, George Richard, B.S., *Franklin and Marshall College, 1950*	Maryland

Gable, Walter DeLay, *University of Maryland*.......... Maryland
Gerwig, John Monroe, Jr., B.A., *Johns Hopkins University, 1950*.......... Maryland
Gessner, John Edward, B.S., *Loyola College, 1950*.......... Maryland
Glick, Louis Michael, *Mt. St. Mary's College*.......... Maryland
Goldsmith, Ralph Samuel, B.S., *Franklin and Marshall College, 1950*.......... Maryland
Gunning, Jean Jacques, B.A., *Loyola College, 1950*.......... Maryland
Hall, Robert Lee, *Washington College*.......... Maryland
Hammer, Charles John, Jr., B.A., *Western Maryland College, 1950*.......... Maryland
Hartman, John Frederick. B.S., *Loyola Clllege, 1950*.......... Maryland
Harvey, Harold Dewey, B.A., B.S., *Southwest Missouri State Coll., 1950*.......... Missouri
Hatfield, William Henry, Jr., B.A., *St. John's College, 1941*.......... Maryland
Hayes, James Westcott, B.A., *Johns Hopkins University, 1950*.......... Maryland
Headley, William McKendree, B.A., *University of Maryland, 1950*.......... Maryland
Holcombe, Robert Calkins, B.A., *Washington University, 1950*.......... Illinois
Hopf, Edward Warren, B.S., *Loyola College, 1950*.......... Maryland
Houpt, William Pierre, B.A., *Loyola College, 1950*.......... Maryland
Hunt, Thomas Edward, Jr., B.A., *West Virginia University, 1950*.......... West Virginia
Jones, Richard Arvin, B.A., *Bridgewater College, 1950*.......... Maryland
Jones, Rosella Edith, B.A., *Indiana University, 1949*.......... Maryland
Kaplan, Irvin Bernard, B.S., *University of Maryland, 1949*.......... Maryland
Keefe, Raymond Bernard, B.S., *College of the Holy Cross, 1950*.......... Connecticut
Kiester, Thomas Edward, B.A., *Wittenberg College, 1950*.......... Ohio
Klohr, Edward Smith, Jr., *Western Maryland College*.......... Maryland
Knotts, Benjamin Franklin, Jr., B.A., *Duke University, 1950*.......... Florida
Lavine Stanford A., B.S., *University of Maryland, 1950*.......... Pennsylvania
Levin, Herbert Joseph, B.S., *University of Maryland, 1950*.......... Maryland
Levine, Hilbert Merrill, B.A., *Johns Hopkins University, 1950*.......... Maryland
Levy, David Alfred, *University of Maryland*.......... Maryland
Looff, David Henry, B.S., *State College of Washington, 1950*.......... Washington
Mawhinney, Charles, Jr., B.S., *University of Pittsburgh, 1948*.......... Pennsylvania
McGonigle, John Jerome, Jr., B.A., *Holy Cross College, 1950*.......... Massachusetts
Moss, Irwin Harold, B.A., *Johns Hopkins University, 1949*.......... Maryland
Mueller, Charles Herbert, Jr., B.S., *Wheaton College, 1940*.......... Maryland
Mueller, Eugene Alexander, B.S., *Mt. Union College, 1949*.......... Ohio
Murphy, John Daily, B.A., *Centre College, 1950*.......... Illinois
Nafzinger, Moses Leroy, B.S., *Juniata College, 1950*.......... Maryland
Nangle, Gerald Francis, B.A., *Ohio State University, 1948*.......... Maryland
Noya, Joseph, B.S., *Franklin and Marshall College, 1950*.......... Maryland
Owens, David, B.S., *Loyola College, 1950*.......... Maryland
Packard, Albert Gibson, Jr., B.A., *Johns Hopkins University, 1950*.......... Maryland
Pats, Albert, B.S., *University of Maryland, 1950*.......... Maryland
Patten, David Hales, B.A., *Western Maryland College, 1950*.......... Maryland
Perez Arzola, Miguel, *University of Puerto Rico*.......... Puerto Rico
Raab, Hellmugh, *Florida Southern College*.......... Maryland
Rainess, Morris, B.A., *Johns Hopkins University, 1950*.......... Maryland
Roberts, Robert Reuel Richard, B.S., *University of Maryland, 1950*.......... Maryland
Schlenoff, Milton, B.S., *University of Maryland, 1950*.......... Maryland
Shamer, Margaret Gillette, B.A., *Woman's College of the University of North Carolina, 1948*.......... Maryland
Shapiro, Jerome Edwin, B.A., *Johns Hopkins University, 1949*.......... Maryland
Shochet, Bernard Richard, *University of Maryland*.......... Maryland
Simpson, Marshall Albert, *Western Maryland College*.......... Delaware
Smith, Joseph Raymond, B.A., *Union College, 1950*.......... Pennsylvania
Smyth, James Walter, B.S., *Loyola College, 1950*.......... Maryland
Solon, Thomas John, *University of Maryland*.......... New York
Teeter, James Herring, B.A., *Gettysburg College, 1950*.......... Maryland
Thames, Rufus, B.S., *University of Florida, 1950*.......... Florida
Tracy, Harold William, Jr., B.S., *University of Maryland, 1950*.......... Maryland
Trapnell, Henry Rogers, *University of Virginia*.......... Maryland
Tublin, Ira Nathan, B.S., *University of Maryland, 1950*.......... Maryland
Wall, George Henry, B.S., *University of Maryland, 1950*.......... Maryland
Weiss, Harold Robert, *University of Maryland*.......... Maryland
Welliver, Daniel Irvin, B.A., *Western Maryland College, 1950*.......... Maryland
Welton, William Arch, Jr., B.A., *Harvard University, 1950*.......... West Virginia

White, Kenneth Howard, Jr., B.A., *Youngstown College, 1950* .... Ohio
Whittaker, Arthur Vance, B.S., *Geneva College, 1949* .... Pennsylvania
Wild, William Otto, B.S., *Mt. Union College, 1950* .... Ohio
Wohl, Milton Jack, B.S., *University of Dayton* .... Maryland
Yim, Robert Earl, B.S., *University of Nevada, 1950* .... Nevada

INTRAMURAL POSTGRADUATE STUDENTS

July 1, 1950 to June 30, 1951

Surgical Anatomy

Barnett, William O., M.D.	Tuscola, Miss.	*University of Tennessee*
Bloxom, John Madison, Jr., M.D.	Mappsville, Va.	*University of Maryland*
Bonzelaar, Alvin, M.D.	Holland, Michigan	*University of Michigan*
Charbonneau, Aubin, M.D.	Chicoutimi, Quebec, Can.	*Laval University, Quebec*
Cunnick, Paul C., M.D.	Baltimore, Maryland	*University of Iowa*
Faraino, Frank Anthony, M.D.	Baltimore, Maryland	*University of Maryland*
Graves, Joseph W., M.D.	Baltimore, Maryland	*Vanderbilt University*
Gray, David B., M.D.	Baltimore, Maryland	*University of Maryland*
Jensen, Meredith N., M.D.	Baltimore, Maryland	*Baylor College of Medicine*
Kuntz, David H., M.D.	Los Angeles, Calif.	*University of Iowa State*
Levine, Leon, M.D.	Schenectady, New York	*Albany Medical College*
Parrott, Frank S., M.D.	Goldsboro, N. C.	*University of Maryland*
Penton, Robert S., M.D.	Wetumpka, Alabama	*John Hopkins Medical School*
Poole, Frank, M.D.	Clay, W. Va.	*Duke University*
Sison, Alfredo, M.D.	Manila, Philippines	*Univ. of Philippines, Manila, Johns Hopkins School of Hygiene and Public Health*
Tansey, John J., M.D.	Catonsville, Maryland	*University of Maryland*
Velez, Baltasar B., M.D.	Havana, Cuba	*University of Havana*
Verrone, Anthony C., M.D.	Providence, Rhode Island	*Tufts College of Medicine*
Watt, Francis H., M.D.	Thomasville, Ga.	*Johns Hopkins Medical School*
Weber, Harry, M.D.	Baltimore, Maryland	*College of Medical Evangelists*

Experimental Surgery

From Baltimore City Hospitals		
Blair, Emil, M.D.	Savannah, Ga.	*Univ. of Georgia*
Graves, Joseph W., M.D.	Baltimore, Md.	*Vanderbilt Univ.*
Penton, Robert S., M.D.	Wetumpka, Ala.	*Johns Hopkins Med. School*
From Mercy Hospital		
Theuerkauf, Frank J., Jr., M.D.	Erie, Pennsylvania	*University of Maryland*
From South Baltimore General Hospital		
Adamson, John A., M.D.	Baltimore, Md.	*Nebraska Medical College*
Black, Daniel J., M.D.	Fort Worth, Texas	*University of Chicago*
Parent Charles-Henri, M.D.	Quebec, Canada	*Laval University, Quebec*
From University Hospital		
J. Carlton Godlove, M.D.	Hagerstown, Md.	*University of Md.*
Erwin R. Jennings, M.D.	Milledgeville, Ga.	*University of Md.*
Edw. P. Smith, Jr., M.D.	Baltimore, Maryland	*University of Md.*
Joseph H. Allen, Jr., M.D.	Baltimore, Maryland	*University of Md.*
From St. Joseph's Hospital		
Baltasar B. Velez, M.D.	Havana, Cuba	*University of Havana*

EXTRAMURAL POSTGRADUATE STUDENTS

Physicians Attending 1950–1951 Extension Lectures

Bell, Royal A., M.D.	Hagerstown, Md.	*University of Md.*
Brewer, David R., M.D.	Clearspring, Md.	*Jefferson Med. College*
Campbell, Robert van L.,	Hagerstown, Md.	*Duke University*
Dwyer, James R., M.D.	Hagerstown, Md.	*University of Md.*
Hirshman, Philip J., M.D.	Hagerstown, Md.	*University of Virginia*
Hoffman, Lloyd A., M.D.	Hagerstown, Md.	*Johns Hopkins Med. School*
Hornbaker, John H., M.D.	Hagerstown, Md.	*University of Md.*
Keadle, Robert F., M.D.	Hagerstown, Md.	*University of Md.*
Kneisley, Bender, B., M.D.	Hagerstown, Md.	*University of Pa.*
Kohler, George A., M.D.	Smithsburg, Md.	*Universty of Md.*
LeVan, Gerald W., M.D.	Boonsboro, Md.	*Jefferson Med. College*
Lusby, Frank F., M.D.	Hagerstown, Md.	*University of Md.*
Miller, Victor D., M.D.	Hagerstown, Md.	*University of Pa.*
Mowrer, Charles L., M.D.	Hagerstown, Md.	*University of Md.*
Novenstein, Sidney, M.D.	Funkstown, Md.	*University of Md.*
Poole, Ernest F., M.D.	Hagerstown, Md.	*Jefferson Med. College*
Shaffer, Lester M., M.D.	Hancock, Maryland	*University of Geneva*
Shealey, Walter H., M.D.	Sharpsburg, Md.	*University of Md.*
Stauffer, Ralph S., M.D.	Hagerstown, Md.	*Jefferson Med. College*
Tabler, Homer, E., M.D.	Hancock, Md.	*University of Md.*
Wells, Samuel R., M.D.	Hagerstown, Md.	*University of Md.*
Young, Ralph F., M.D.	Williamsport, Md.	*University of Md.*
Young, Earl S., M.D.	Hagerstown, Md.	*Hahnemann Med. College*
Zimmerman, Ira M., M.D.	Williamsport, Md.	*University of Md.*

Physicians Attending Postgraduate Seminar Given for the Maryland Academy of General Practice at University Hospital

December 7, 1950

Edward J. Alessi, M.D., Baltimore, Md.
Walter A. Anderson, M.D., Baltimore, Md.
Philibert Artigiani, M.D., Baltimore, Md.
Irene Barrett, M.D., Bethesda, Md.
Eugene I. Baumgartner, M.D., Oakland, Md.
M. Virginia Beyer, M.D., Sykesville, Md.
J. L. Billingslea, M.D., Westminster, Md.
Melvin N. Borden, M.D., Baltimore, Md.
John D. Bubert, M.D., Baltimore, Md.
Mary S. Bulkley, M.D., Towson, Md.
W. B. Culvell, M.D., Mt. Airy, Md.
Louis Dalmau, M.D., Pikesville, Md.
Robert E. Farber, M.D., Sparrows Point, Md.
W. H. Foard, M.D., Manchester, Md.
Charles R. Foul, M.D., Westminster, Md.
James Frenkil, M.D., Baltimore, Md.
Joseph Friedman, M.D., Baltimore, Md.
Leonard H. Golombek, M.D., Baltimore, Md.
Benjamin Highstein, M.D., Baltimore, Md.
Irene L. Hitchman, M.D., Sykesville, Md.
Willard P. Hudson, M.D., Forest Hill, Md.
A. B. Hughes, M.D., Baltimore, Md.
Lauriston L. Keown, M.D., Baltimore, Md.
B. S. Kleiman, M.D., Baltimore, Md.
B. B. Kneisley, M.D., Hagerstown, Md.
George A. Knipp, M.D., Baltimore, Md.
Lester N. Kolman, M.D., Baltimore, Md.
K. K. Krulevitz, M.D., Baltimore, Md.
Louis T. Lavy, M.D., Baltimore, Md.
Byruth Lenson-Lambros, M.D., Baltimore, Md.
Gerald W. LeVan, M.D., Boonsboro, Md.
Stephen L. Magness, M.D., Catonsville, Md.
James T. Marsh, M.D., Westminster, Md.
Lawrence Maryanov, M.D., Cambridge, Md.
Louis R. Maser, M.D., Baltimore, Md.
Stephen C. Mockowich, M.D., Baltimore, Md.
G. Allen Moulton, M.D., Westminster, Md.
B. A. Moxness, M.D., Chevy Chase, Md.
Joseph R. Myerowitz, M.D., Baltimore, Md.
N. E. Needle, M.D., Baltimore, Md.
Norbert C. Nitsch, M.D., Baltimore, Md.
Charles F. O'Donnell, M.D., Towson, Md.
Harold B. Plummer, M.D., Preston, Md.
M. C. Porterfield, M.D., Hampstead, Md.
Louis J. Pratt, M.D., Baltimore, Md.
John C. Rawlins, M.D., Federalsburg, Md.
H. O. Robbins, M.D., Berlin, Md.
N. E. Sartorius, M.D., Pocomoke City, Md.

H. W. Scheye, M.D., Baltimore, Md.
L. R. Schoolman, M.D., Frederick, Md.
William Schuman, M.D., Baltimore, Md.
Wm. S. Seymour, M.D., Easton, Md.
Lester M. Shaffer, M.D., Hancock, Md.
Benjamin I. Siegel, M.D., Pikesville, Md.
John H. Slaw, M.D., Baltimore, Md.
Gertrude Sonnenfeldt, M.D., Sykesville, Md.
W. G. Speicher, M.D., Westminster, Md.
F. J. Townsend, Jr., M.D., Ocean City, Md.
John P. Urlock, M.D., Baltimore, Md.
H. Vadoeski, M.D., Sykesville, Md.
Hugh W. Ward, M.D., Owings Mills, Md.
J. B. Wells, M.D., Baltimore, Md.
J. D. Wilson, M.D., Smithsburg, Md.
W. V. Winiarz, M.D., Sykesville, Md.

SUMMARY OF STUDENTS

September 21, 1950 to June 9, 1951

Medical Students	*Male*	*Female*	*Total*
Senior Class	92	4	96
Junior Class	95	3	98
Sophomore Class	90	2	92
Freshman Class	92	8	100
Medical Students	369	17	386
Intramural Post-Graduate Students	148	10	158
Extramural Post-Graduate Students	24	0	24
	541	27	568

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 21, 1950 to June 9, 1951

California	4
Colorado	1
Connecticut	2
Delaware	3
District of Columbia	5
Florida	11
Georgia	9
Idaho	1
Illinois	3
Indiana	1
Kansas	1
Maine	3
Maryland	224
Massachusetts	3
Missouri	1
Montana	1
Nebraska	1
Nevada	2
New Hampshire	1
New Jersey	7
New York	3
North Carolina	22
North Dakota	1
Ohio	16
Pennsylvania	16
Rhode Island	1
South Carolina	2
Utah	5
Virginia	1
Washington	3
West Virginia	20
Wisconsin	2

United States Possessions

Puerto Rico	11

MEDICAL ALUMNI ASSOCIATION

OFFICERS 1951–1952

(Term beginning July 1, 1951 and ending June 30, 1952)

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Daniel J. Pessagno, M.D.

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Harry L. Rogers, M.D.

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Wetherbee Fort, M.D.
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Thomas K. Galvin, M.D.

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Frank K. Morris, M.D.
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Arthur Siwinski, M.D.

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William H. Triplett, M.D.
Thurston R. Adams, M.D.
John A. Wagner, M.D.

Representative, Editorial Board, Bulletin
Harry C. Hull, M.D.
Albert E. Goldstein, M.D.
Daniel J. Pessagno, M.D. (ex-officio)

Hospital Council
Alfred T. Gundry, M.D.
George F. Sargent, M.D.

Alumni Council
Louis H. Douglass, M.D.
Lewis P. Gundry, M.D.

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To Endowment Fund

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine..

(Here state amount or describe property)

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine..

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University of Maryland, coming under the same government. It is a non-sectarian school, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 435 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing.

Programs offered: The programs of study of the school are planned for two groups of students: (a) the five-year group, (b) the 36-month group.

The requirements for admission to the five-year program of the School of Nursing are the same as for other colleges of the University. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and to the diploma of the University Hospital School of Nursing.

The requirements for admission to the 36-month program are the satisfactory completion of an academic course in an approved high school. The completion of this course entitles the student to the diploma of the University of Maryland School of Nursing.

Applications and catalogues may be obtained from the Director of the School of Nursing, University Hospital, Baltimore 1, Md.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established 1899 and incorporated on December 23, 1901. It is an integral part of Mercy Hospital and is under the same government. It is accredited by the Maryland State Board of Examiners of Nurses and the National Nursing Accrediting Service.

The University of Maryland, and Mount Saint Agnes College, in affiliation with the Mercy Hospital School of Nursing, offer a five year combined academic and nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and Mount Saint Agnes College, and to the diploma of the Mercy Hospital School of Nursing.

Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and related sciences.

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